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MIGUEL
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Y OLIVARES.

ENCICLOPEDIA MODERNA.

ATLAS.

TOMO I.

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ENCICLOPEDIA

MODERNA.

DICCIONARIO UNIVERSAL

DE LITERATURA, CIENCIAS, ARTES,

AGRICULTURA, INDUSTRIA Y COMERCIO.

PUBLICADA

POR FRANCISCO DE P. MELLADO.

ATLAS.

TOMO PRIMERO.

AGRICULTURA.—ANATOMIA HUMANA.—ARQUITECTURA.—ASTRONOMIA.
—CAMINOS DE HIERRO.—QUIMICA.—ARTES QUIMICAS.

ACADEMIA HISPANO AMERICANA DE CIENCIAS Y ARTES
CADIZ

ESTABLECIMIENTO DE MELLADO.

MADRID,
CALLE DE SANTA TERESA, NUMERO 8,
y del Principe, número 25.

PARIS,
RUE St. ANDREÉ DES ARTS, NUMERO 47,
y de Provence, núm. 12.

1855.

ENCICLOPEDIA

MODERNA

DICCIONARIO UNIVERSAL

DE LITERATURA, CIENCIAS, ARTES, AGRICULTURA, INDUSTRIA Y COMERCIO.

TABLA DE LAS LAMINAS

CONTENIDAS EN ESTE PRIMER TOMO.

AGRICULTURA.

22 LAMINAS.

Mas la lámina 15 que está duplicada.

Lámina 1. Instrumentos aratorios.
— 2. Id. Id.
— 3. Id. Id.
— 4. Id. Id.
— 5. Id. Id.
— 6. Arado de Granger.
— 7. Arado de Valcourt.
— 8. Arado dos á dos.
— 9. Escarificador de Dombale.
— 10. Estirpador de Valcourt.
— 11. Rastrillos.
— 12. Traillas.
— 13. Máquinas de batir.
— 14. Máquina inglesa de batir.
— 15. Máquinas.
— 15 duplicada. Máquinas.
— 16. Lechería.
— 17. Caldera de Valcourt.
— 18. Irrigaciones.
— 19. Proporciones del caballo.
Lámina 20. Conservacion de los granos.—Esquileo de las ovejas.
— 21. Granero de Valery.
— 22. Prensador.

ANATOMIA HUMANA.

8 LAMINAS.

Láminas 1 á 8. Figuras diversas.

ARQUITECTURA.

62 LAMINAS.

Mas la lámina 20 que es bis.

Lámina 1. Orden Egipcio.
— 2. Orden dórico.
— 3. Orden jónico.
— 4. Orden corintio y compuesto.
— 5. Orden morisco.

Lámina 6. Orden gótico.
— 7. Orden del renacimiento.
— 8. Monumentos célticos y galos.
— 9. Templo de Tentyris.—Pilones del templo de Aroeris en Edfou.
— 10. El Partenon.
— 11. Templo de Antonio y Faustina.
— 12. Basílica de Pompeya.
— 13. Iglesia de San Márcos en Venecia.
— 14. Iglesia de Isoira.
— 15. Catedral de Reims.
— 16. Iglesia de San Vicente de Paul.
— 17. Alhambra de Granada.
— 18. Castillo de Ecouen.
— 19. Castillo de Madrid en el bosque de Bolonia.
— 20. Plano del Louvre.
— 20 *bis*. Palacio del Louvre.
— 21. Casa gótica de Nuremberg.
— 22. Casa de locacion en París.
— 23. Circo de Caracalla en Roma.
— 24. Anfiteatro de Nimes.
— 25. Teatro de Herculano.
— 26. Teatro de Burdeos.
— 27. Las termas de Tito.
— 28. Baños del Monte de Oro.
— 29. Monumentos triunfales.
— 30. Sepulcros antiguos.
— 31. Sepulcros modernos.
— 32. Fuentes modernas.
— 33. Hospicio de San Miguel en San Mandé.
— 34. Mercado de San German.
— 35. Matadero en Montmartré.
— 36. Penitenciaría.
— 37. Granja modelo de Rambouillet.
— 38. Rediles y porqueras.
— 39. Establos.
— 40. Construccion de los faros.
— 41. Iluminacion de los faros.
— 42.
— 43. } Construccion de puentes.
— 44. Puentes de piedra.
— 45.
— 46. } Armadura de hierro.
— 47. Puentes de hierro.
— 48. Id.
— 49.
— 50. } Puentes colgantes.
— 51. Puentes de esclusas y canales.
— 52. Aparatos de construccion.
— 53. Caminos antiguos y modernos.
— 54.
— 55. } Armaduras.

Lámina 56.
— 57. } Armaduras.
— 58. Id.
— 59. Carpintería.
— 60. Id.
— 61. Cerrajería.
— 62. Cubiertas.

ASTRONOMIA.

8 LÁMINAS.

Lámina 1.
— 2. } Sistema de Copérnico.
— 3. Planisferio celeste.—Hemisferio Norte.
— 4. Planisferio celeste.—Hemisferio Sud.
— 5.
— 6. } Figuras diversas.
— 7.
— 8.

CAMINOS DE HIERRO.

4 LÁMINAS.

Lámina 1. Embarcadero.
— 2. Cambios de vias.
— 3. Placas giratorias.—Carriles y vias.
— 4. Locomotoras.

QUIMICA.

8 LÁMINAS.

Nota. La lámina 7 no existe, en cambio hay dos láminas primeras.

Lámina 1.
— 1.
— 2. } Aparatos.
— 3.
— 4.
— 5.
— 6. Aire.—Arsénico.
— 8. Acido calórico.—Alcalímetros.

ARTES QUIMICAS.

22 LAMINAS.

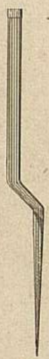
NOTA. Hay una lámina 3 *bis*, que forma parte de la lámina 18.

Lámina 1. Cerveza.
— 2. Id.
— 3. Id.
— 4. Blanqueo.
— 5. } Id.
— 6. }
— 7. Id.
— 8. Id.
Lámina 9. } Destilacion.
— 10. }
— 11. Id.
— 12. Id.
— 13. Id.
— 14. Gas de alumbrado.
— 15. Id.
— 16. Id.
— 17. Id.
— 3 *bis*. } Fécula. Estaño. Galvano-plastia. Mercurio.
— 18. }
— 19. Lámparas.
— 20. Id.
— 21. Daguerrotipo.
— 22. Aparatos de destilacion.

AGRICULTURA.
AGRICULTURE.

Pl. 1.

Fig. 1.



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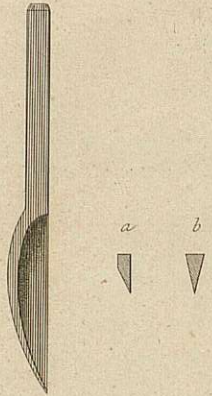

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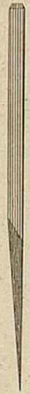

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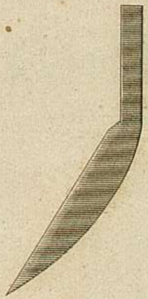

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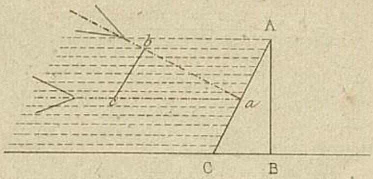

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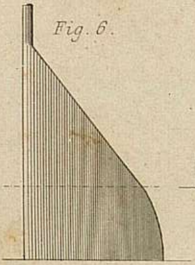

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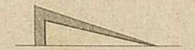

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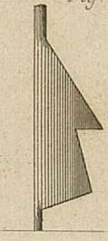

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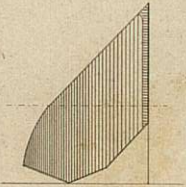

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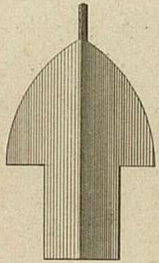

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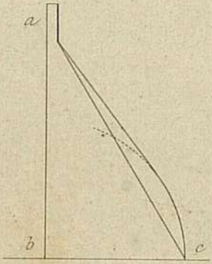

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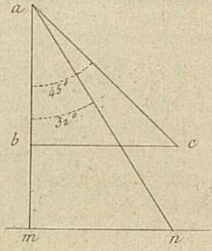

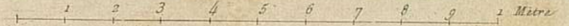
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8
9
1 Mètre

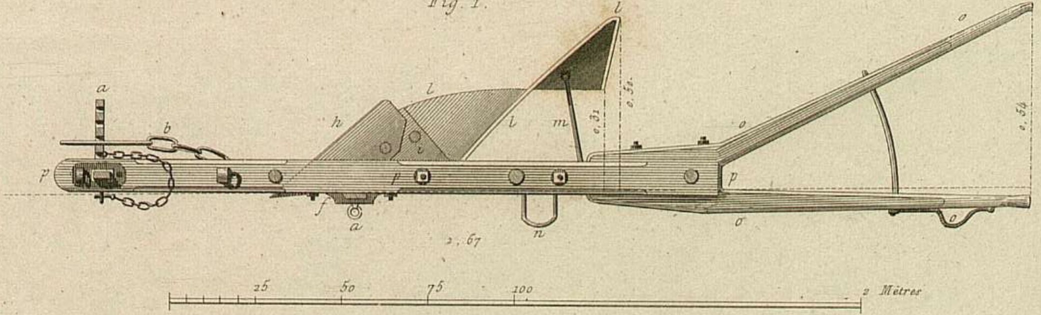
H. Roux aîné.

Instruments.-(Charrues). Instrumentos.

AGRICULTURA
AGRICULTURE.

Pl. 2.

Fig. 1.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2, 67
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75
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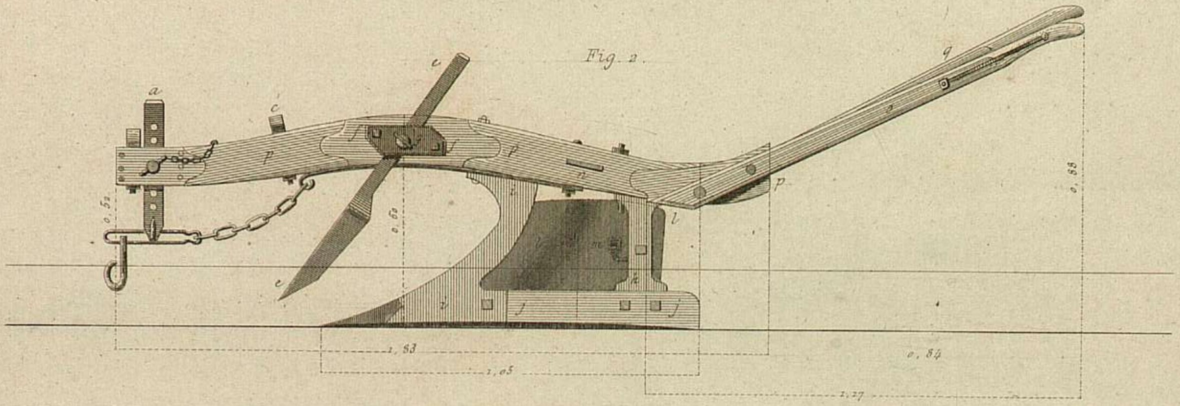
2 Mètres

Fig. 2.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0, 52
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1, 83
1, 05
0, 84
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J. Roux ainé.

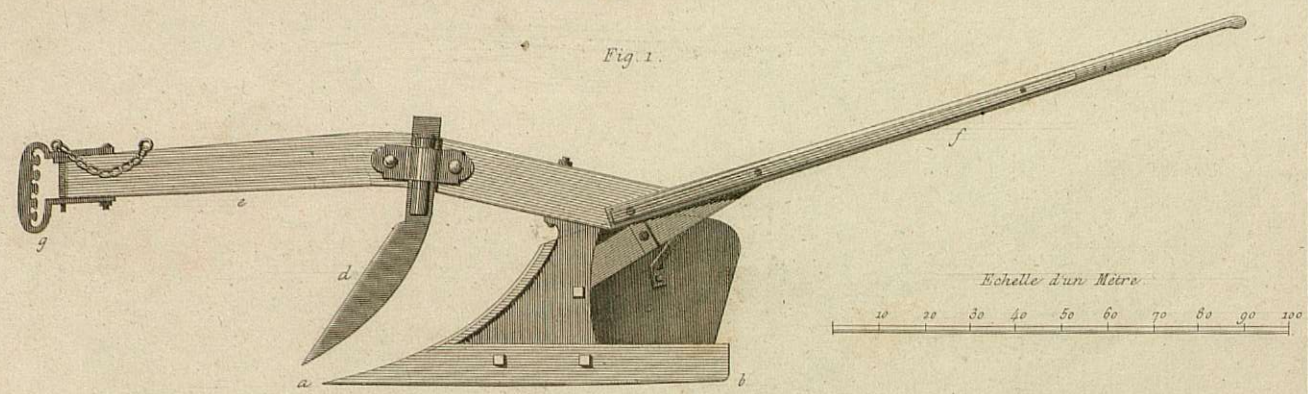
Instruments.—(Charrues.) Instrumentos.

AGRICULTURA

AGRICULTURE.

Pl. 3.

Fig. 1.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Echelle d'un Mètre
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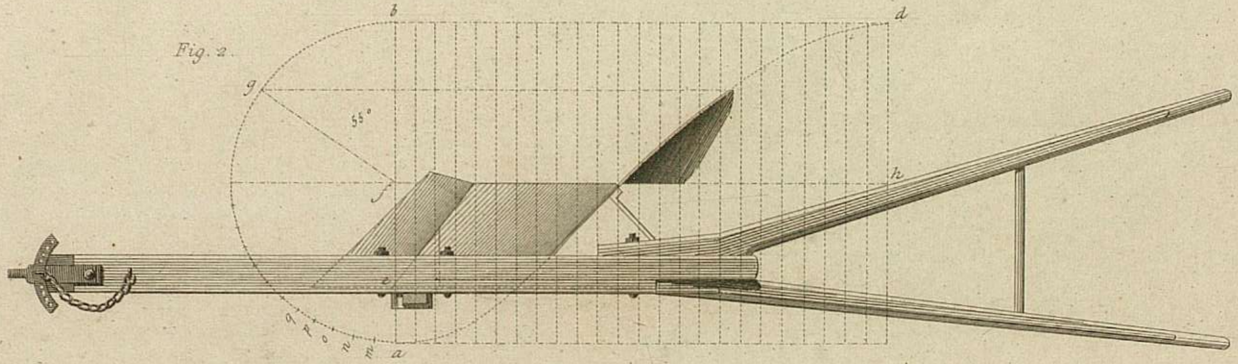
Fig. 2.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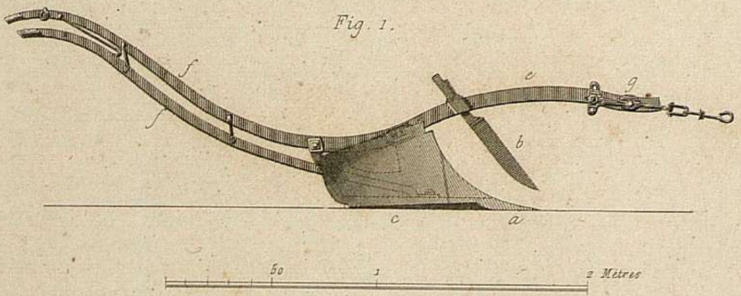
H. Roux ainé.

Instruments.—(Charrues.) Instrumentos

AGRICULTURA
AGRICULTURE.

Pl. 4.

Fig. 1.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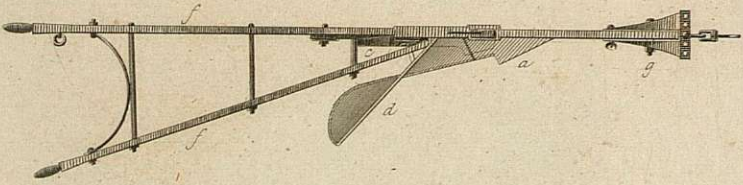
2 Mètres

Fig. 2.



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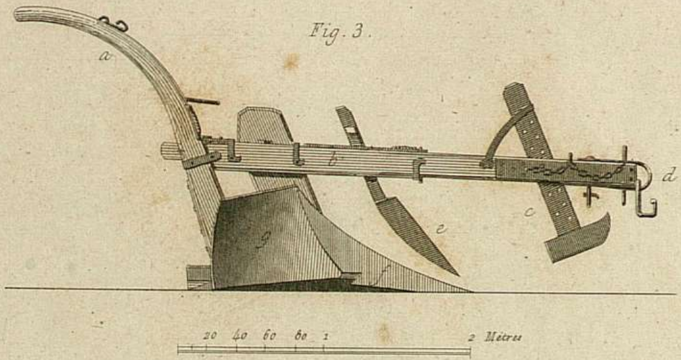
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40
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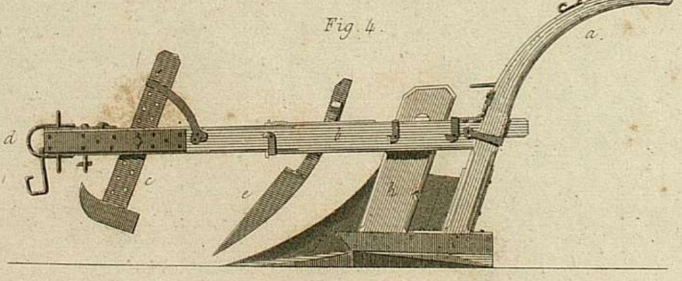
80
1
2 Mètres

Fig. 4.



H. Roux ainé.

Instruments,_(Charrues.)

Instrumentos.

AGRICULTURA.
AGRICULTURE.

Pl. 5.

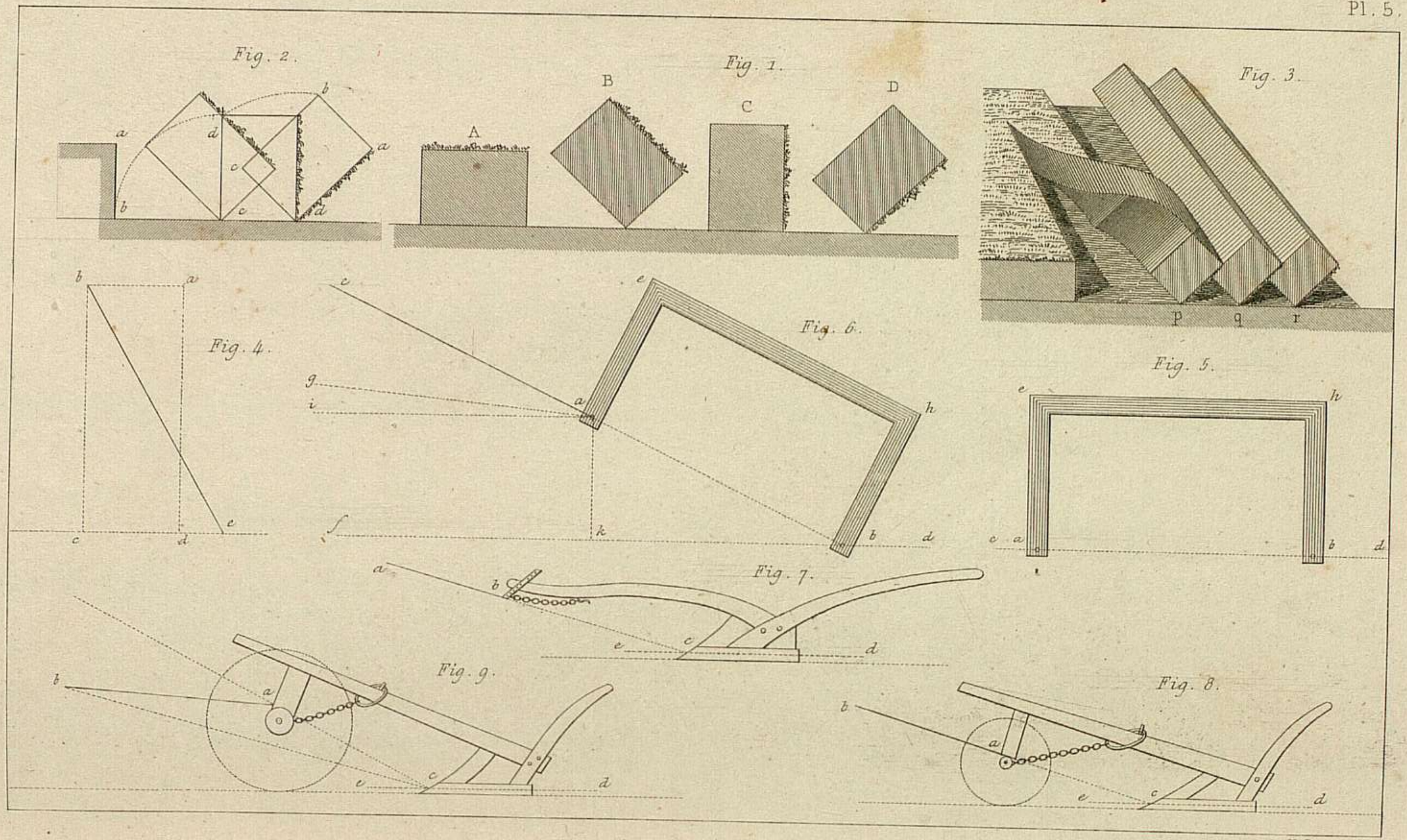


Fig. 2.
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Fig. 1.
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Fig. 3.
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Fig. 4.
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Fig. 6.
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Fig. 5.
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Fig. 7.
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Fig. 9.
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Instruments, (Charrues) Instrumentos.

H. Roux ainé.

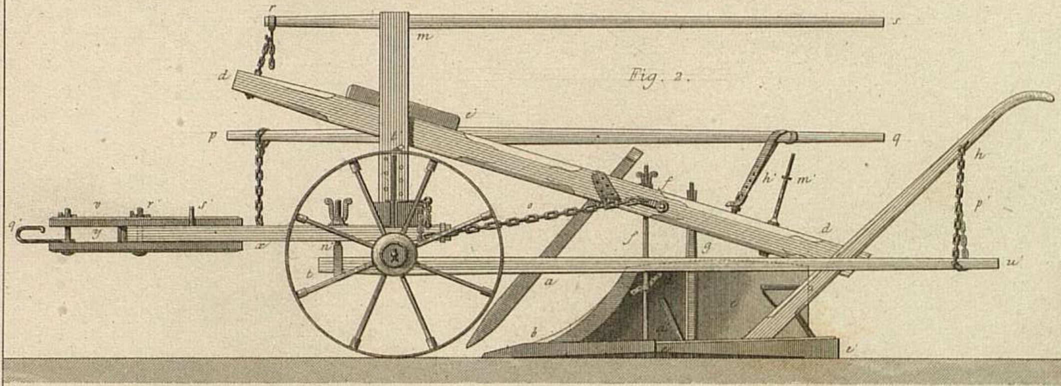
Fig. 2.
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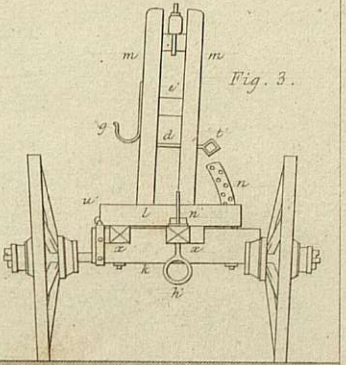
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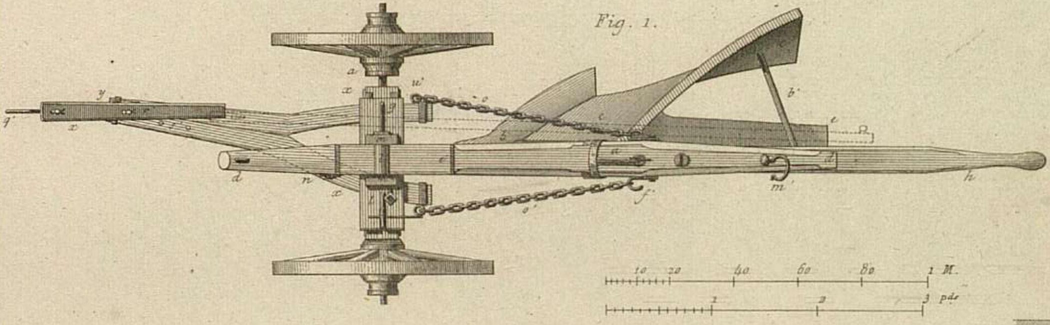
Fig. 1.
a
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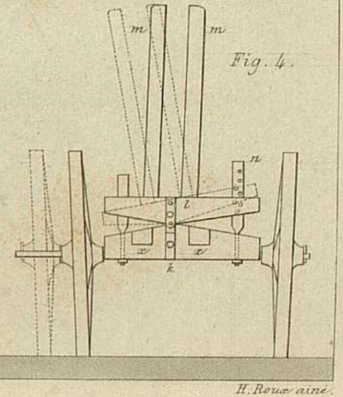
Fig. 4.
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H. Roux ainé.

Charrue Granger. Instrumentos.

AGRICULTURA.
AGRICULTURE.

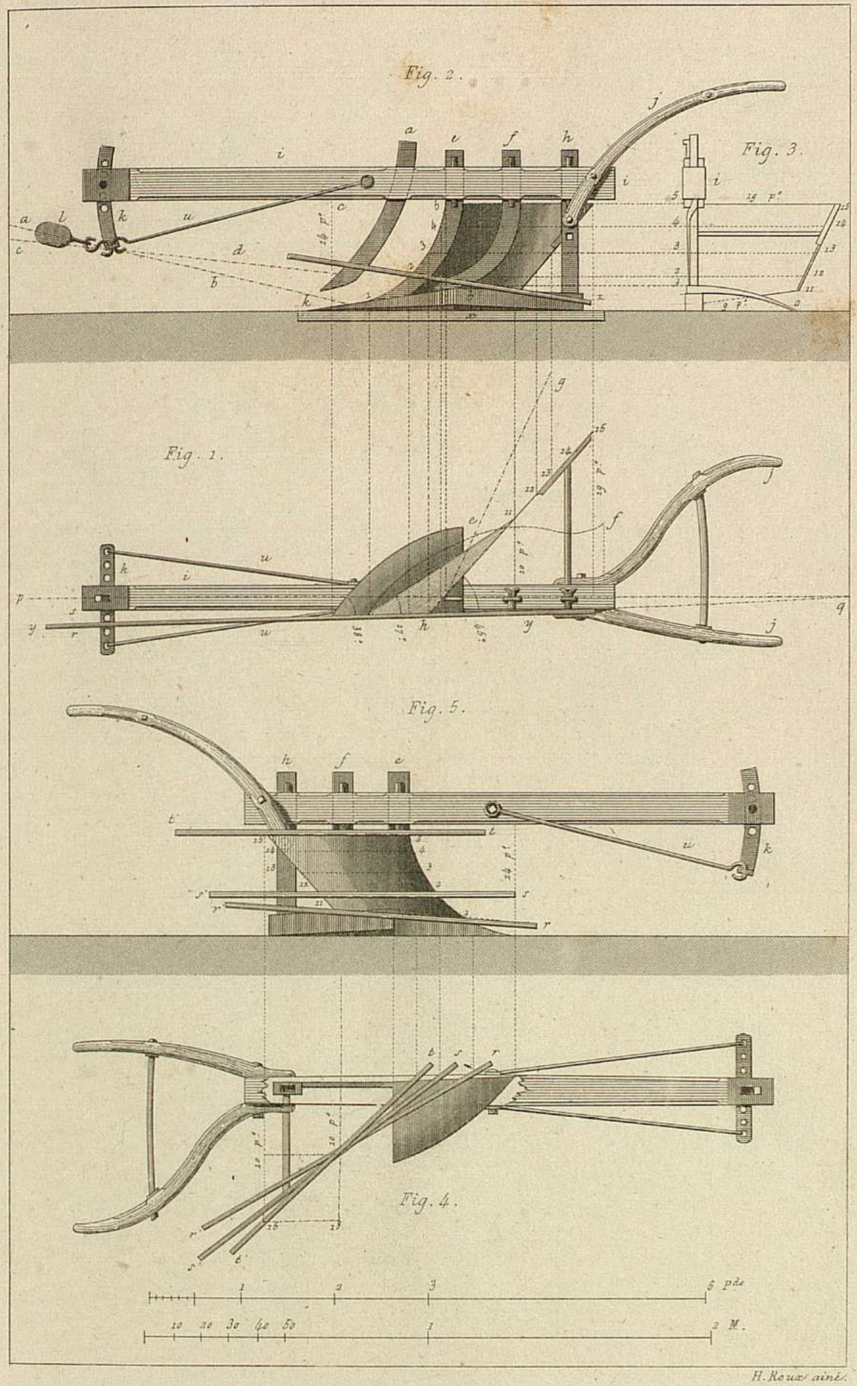
Fig. 2.
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14 p.
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Fig. 5.
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Fig. 4.
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H. Roux aîné.

Charrue Valcourt.

Instrumentos.

AGRICULTURA.
AGRICULTURE.

Pl. 8.

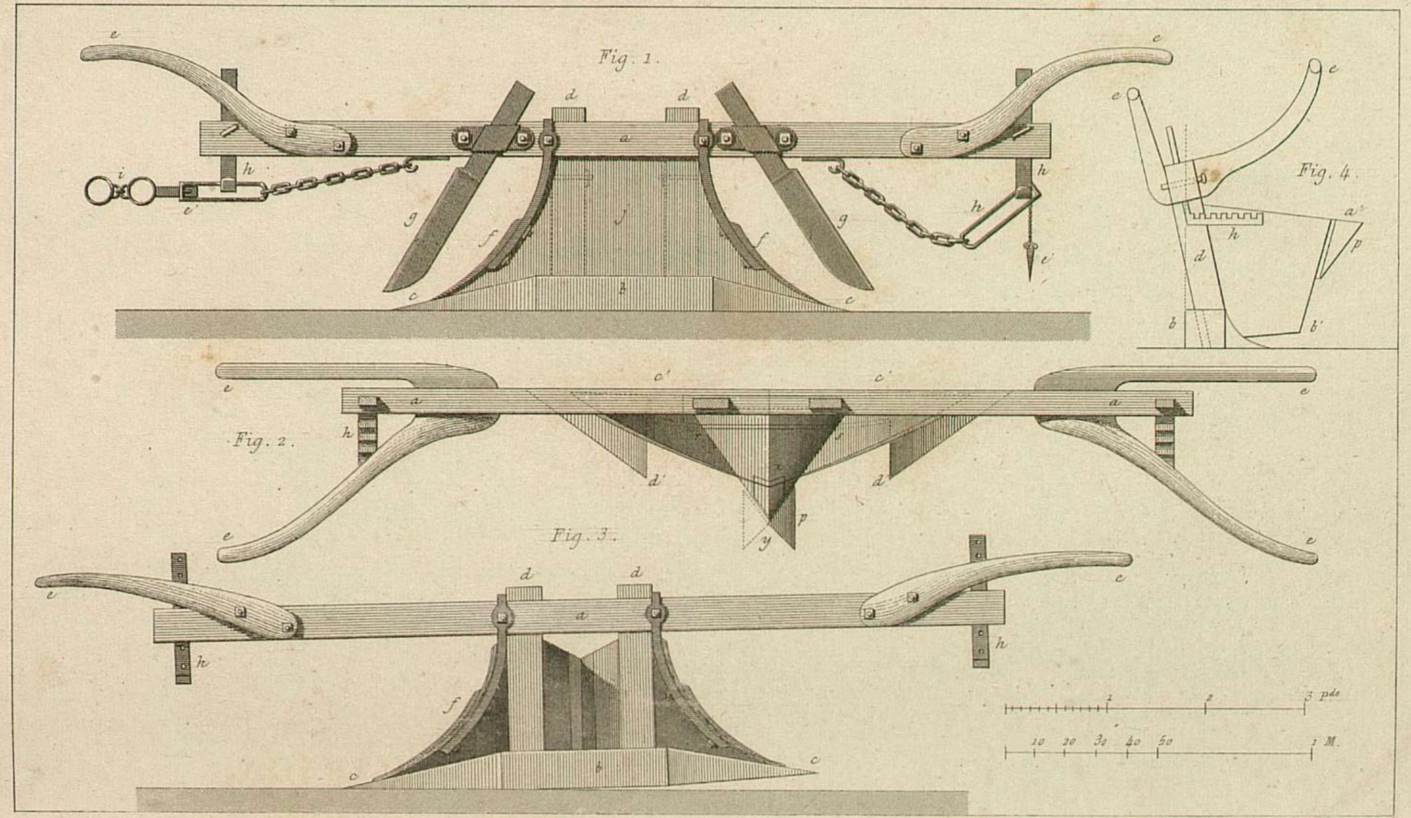
Fig. 1.
Fig. 2.
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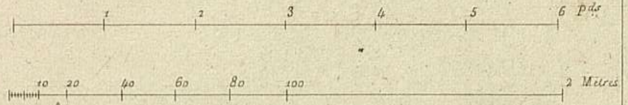
H. Roux ainé.

Charrue Dos-à-dos. Instrumentos.

AGRICULTURA.
AGRICULTURE.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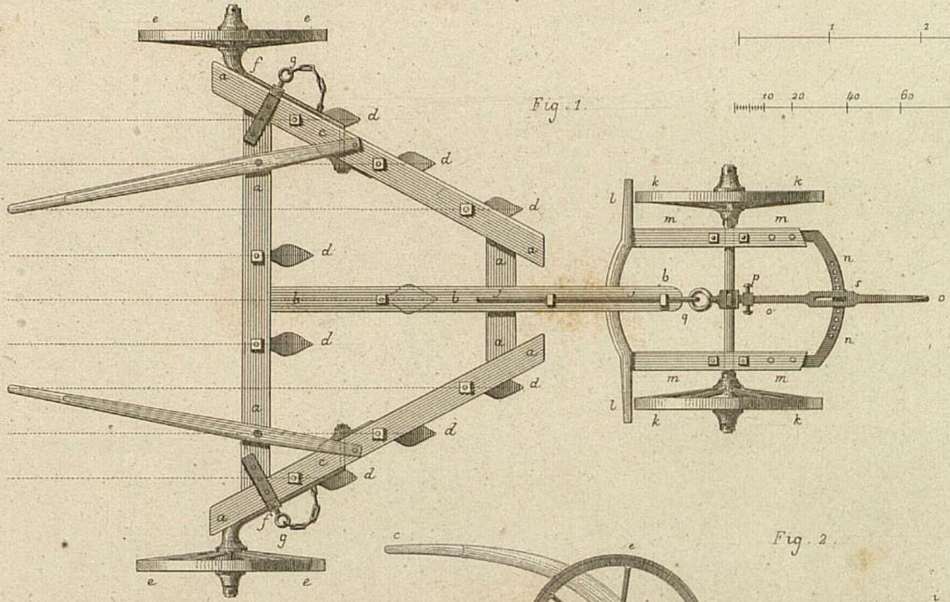
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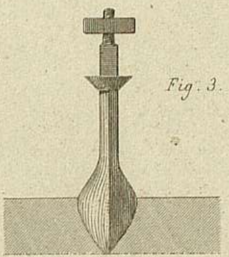
Fig. 1.



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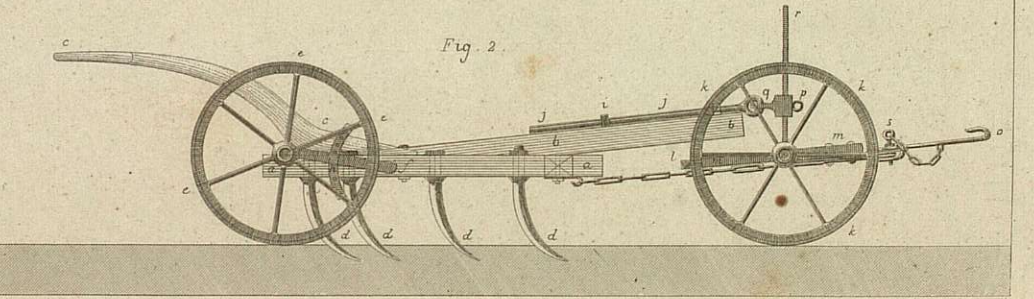
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Fig. 2.

H. Roux ainé.

Scarificateur Dombale. Instrumentos.

AGRICULTURA.
AGRICULTURE.

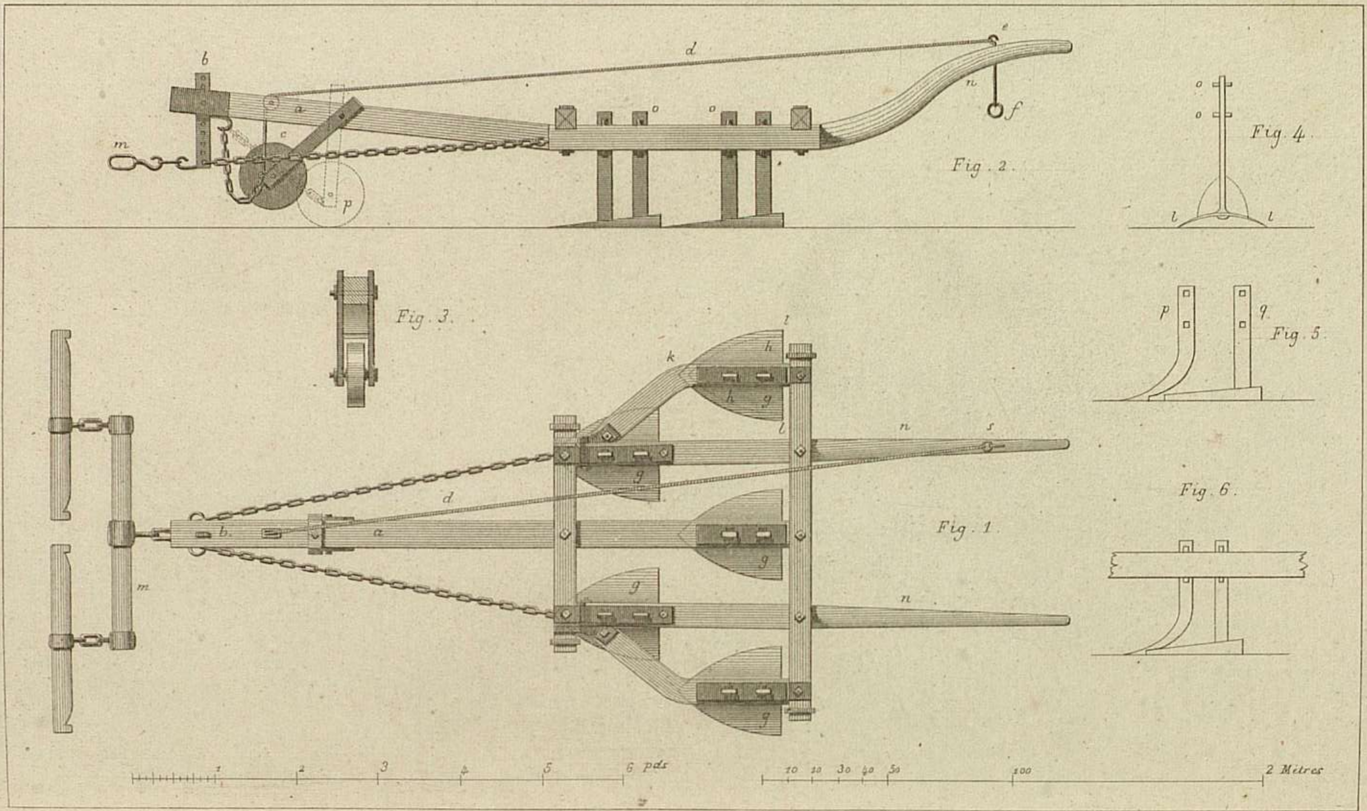
Fig. 1.
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2 Mètres

H. Roux ainé.

Extirpateur Valcourt. Instrumentos.

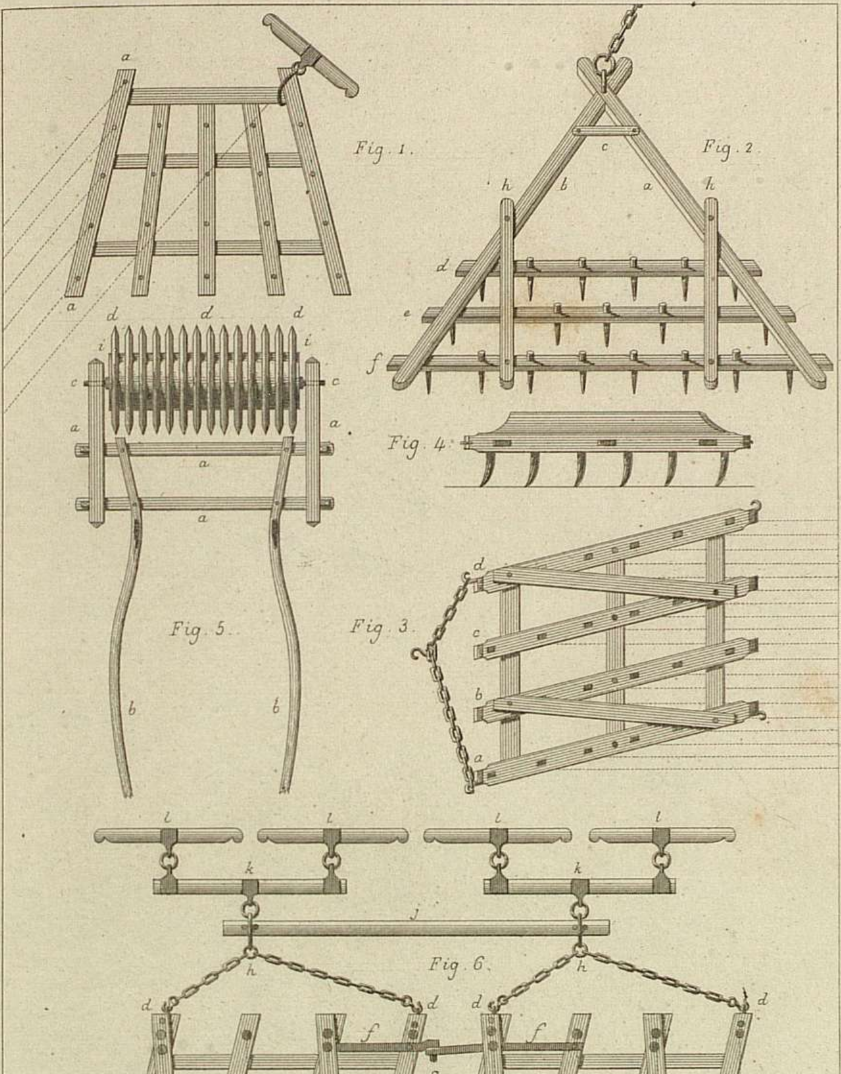
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Fig. 1.
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Fig. 4.
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Fig. 5.
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H. Roux ainé

Herses.
Instrumentos

HOUE A CHEVAL

ou Bineur de Grignon.

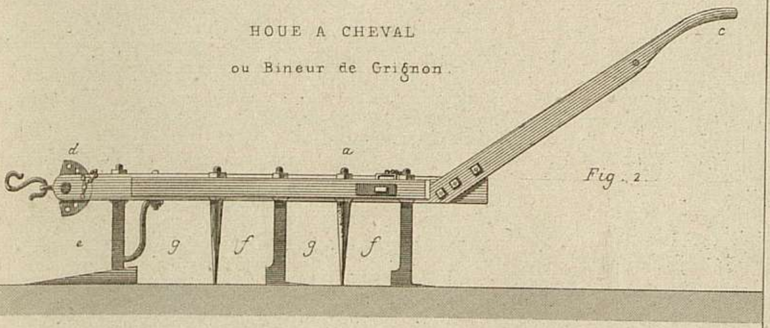


Fig. 2.

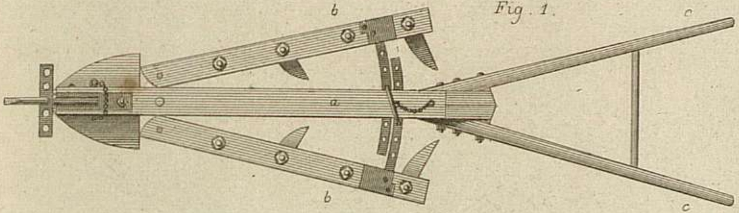


Fig. 1.

BUTEUR DE GRIGNON.

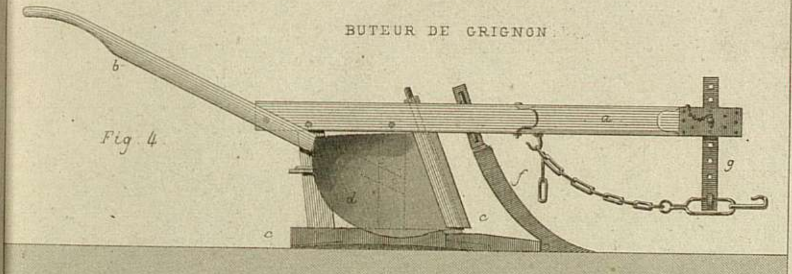
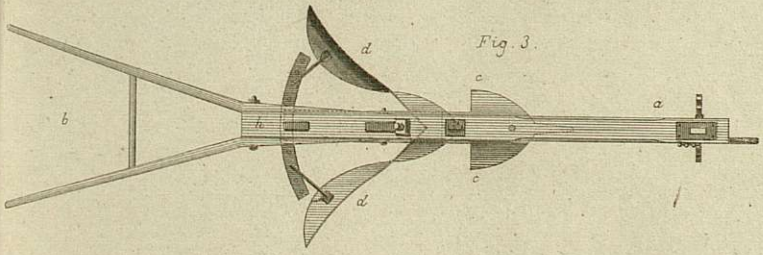


Fig. 4.



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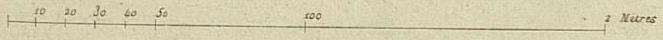
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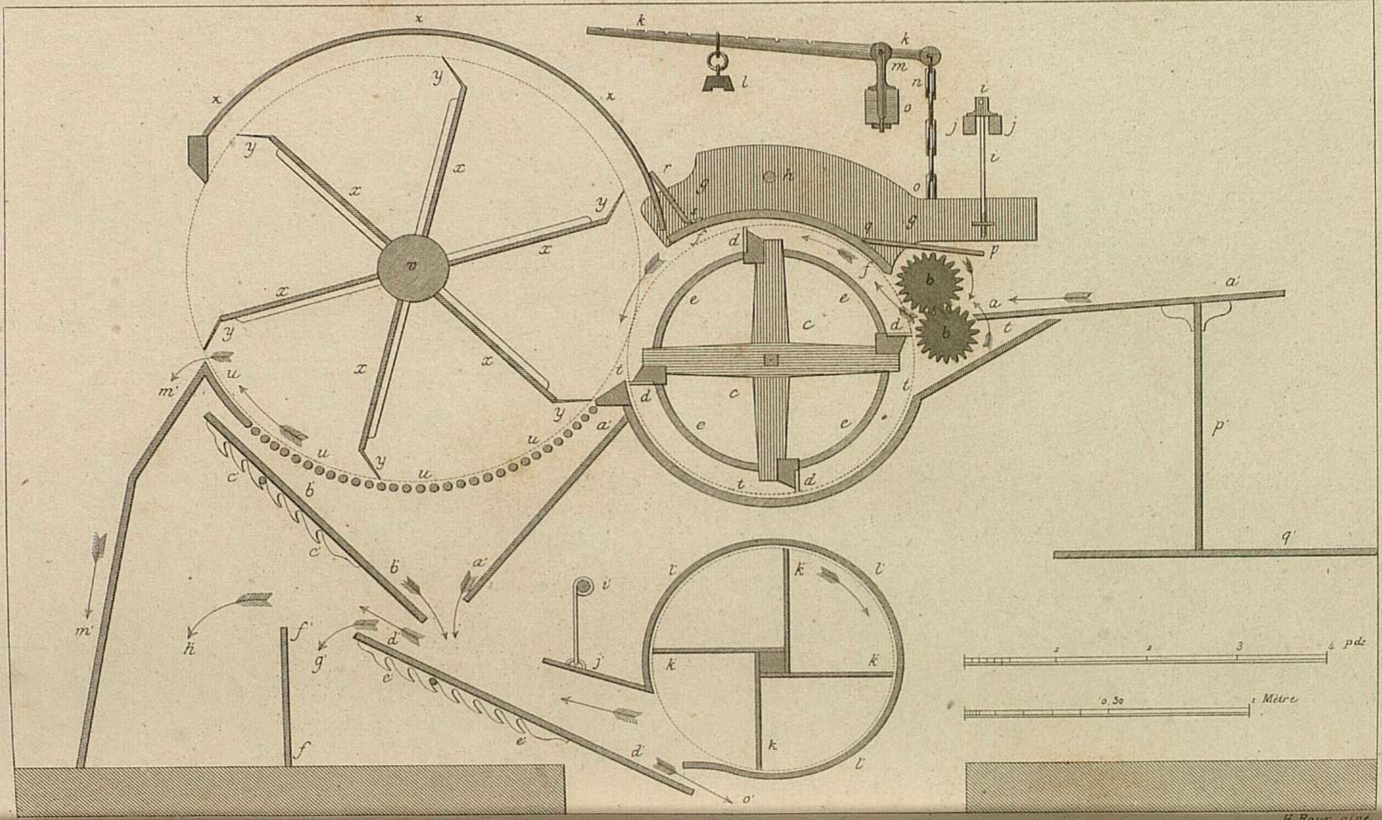
1 Mètres

H. Roux ainé.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H Roux aîné

Machine à Battre   Maquinas

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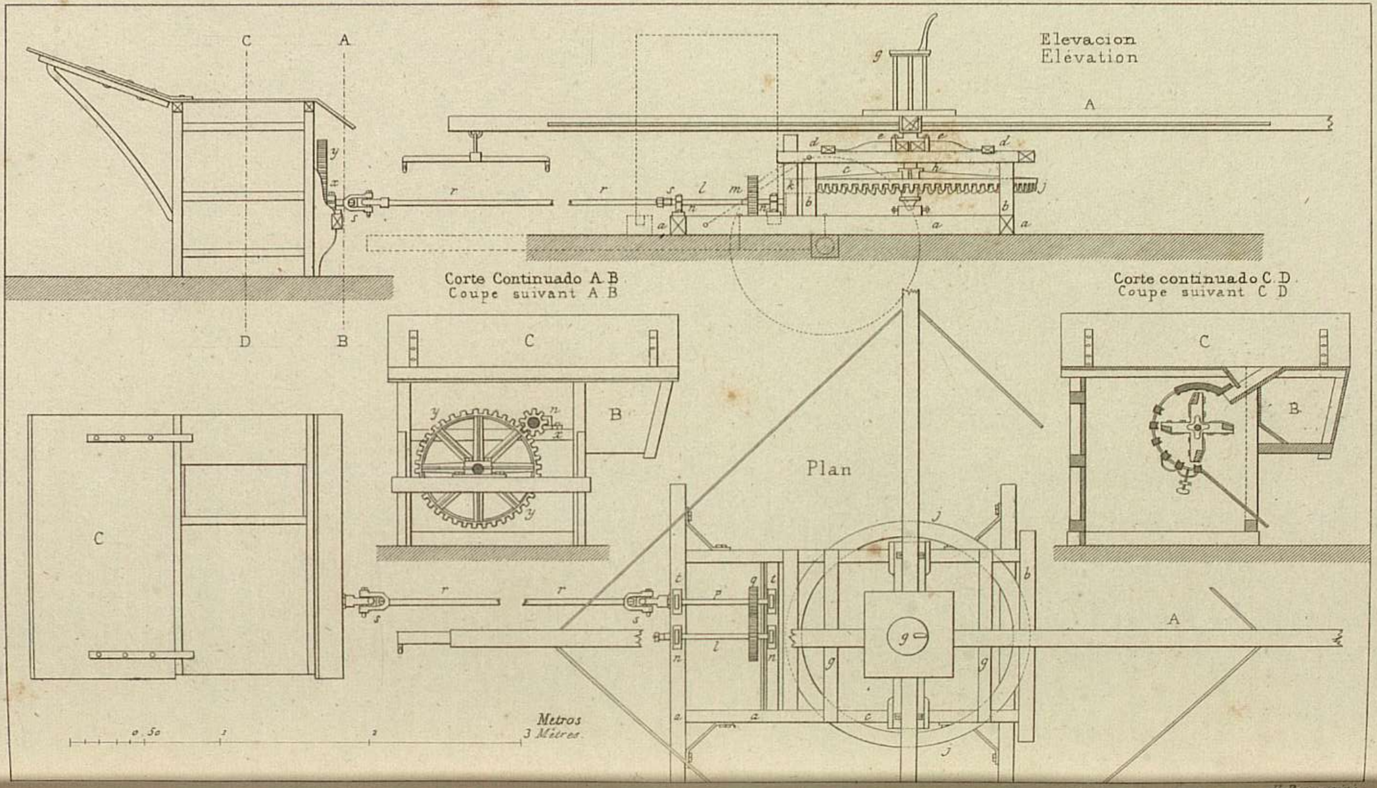
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Coupe suivant A.B
Corte continuado C.D
Coupe suivant C.D
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H. Roux ainé.

Machine à battre. Anglaise   Maquina de Batir inglesa.

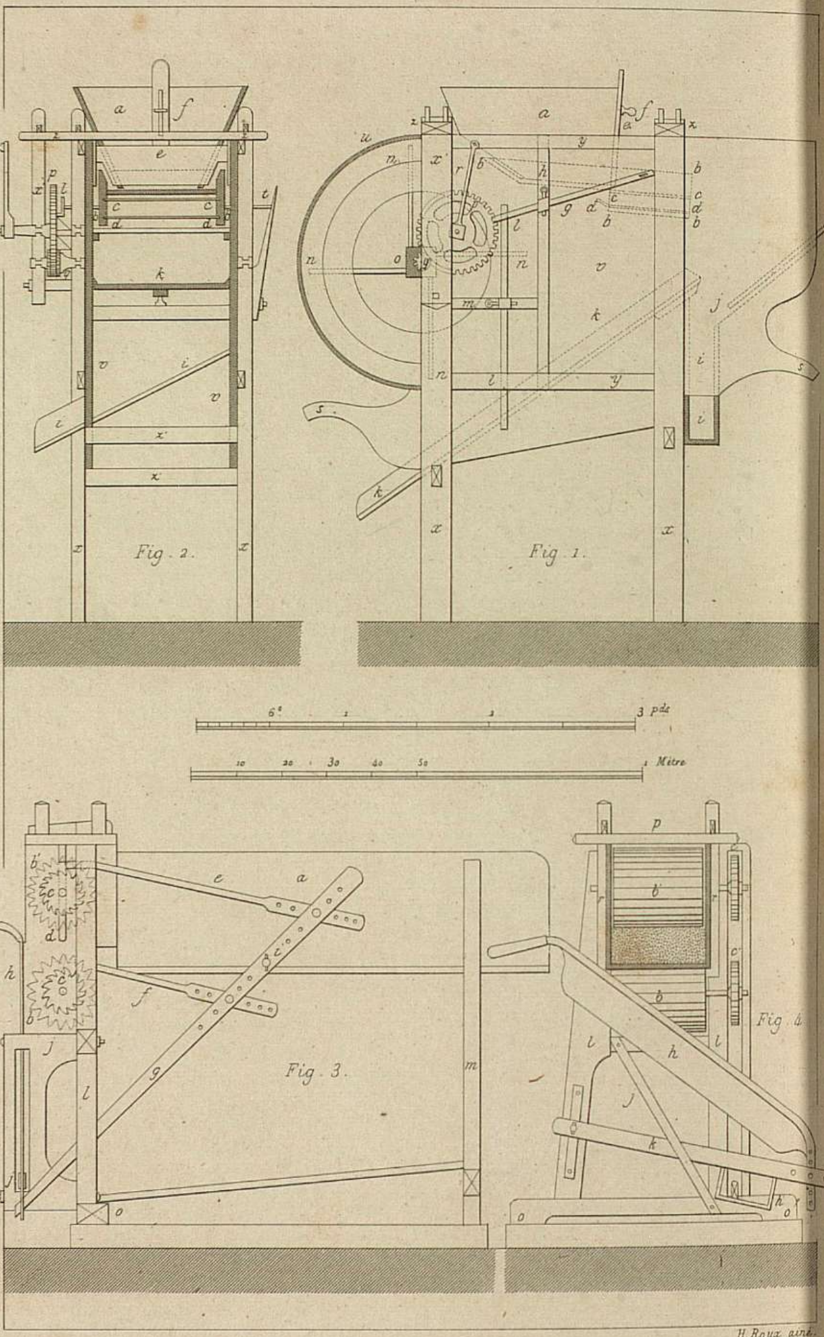
Fig. 2.
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H. Roux ainé.

Tarare et Hache-Paille
Maquinas

Fig. 2.

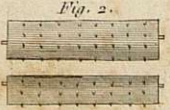

Fig. 1.

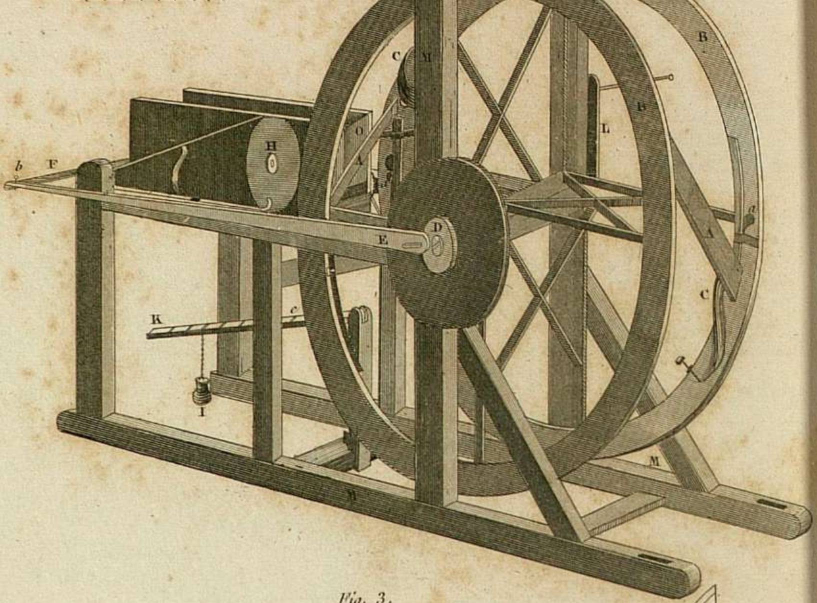
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Fig. 3.

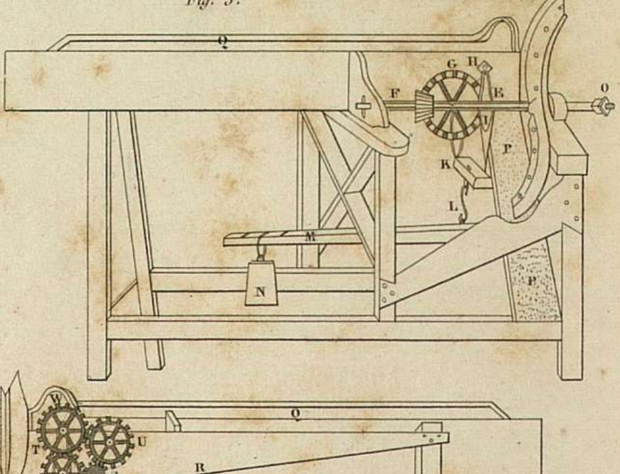
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Fig. 4.

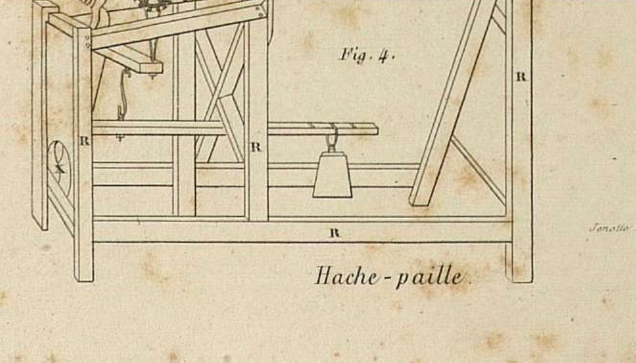
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Fig. 4.

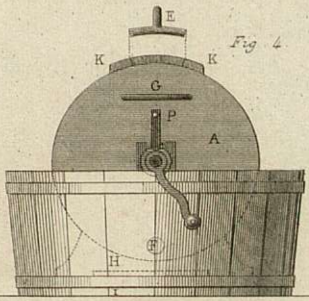

Fig. 2.

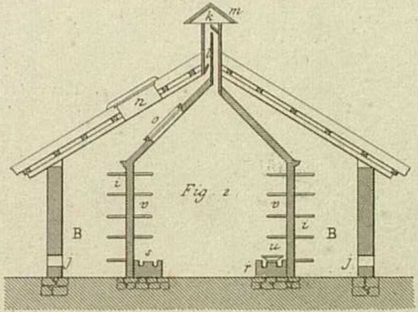
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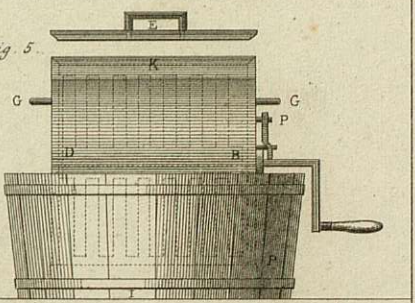
Fig. 5.



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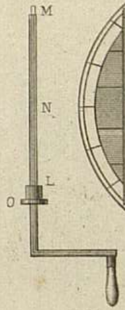

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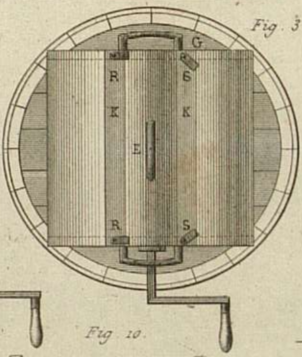

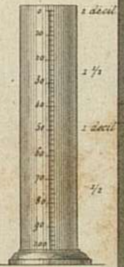
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Fig. 10.

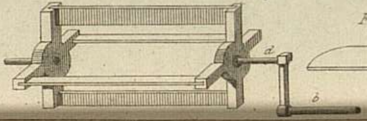

Fig. 11.

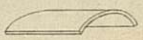

Fig. 1.

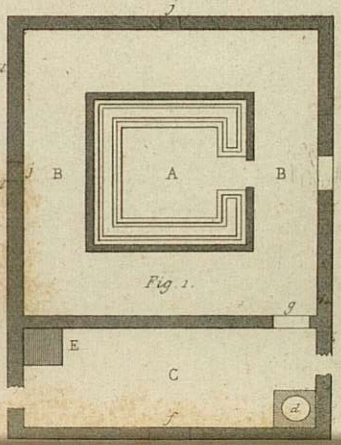
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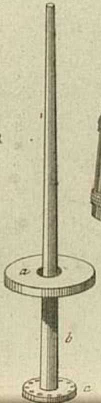
Fig. 9.



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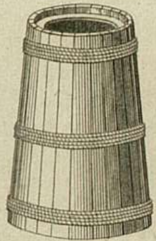
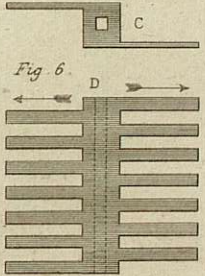


Fig. 6.



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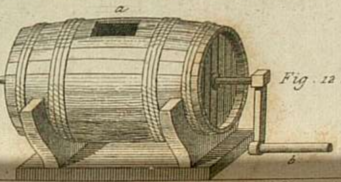

H. Roux ainé.

LAITERIE

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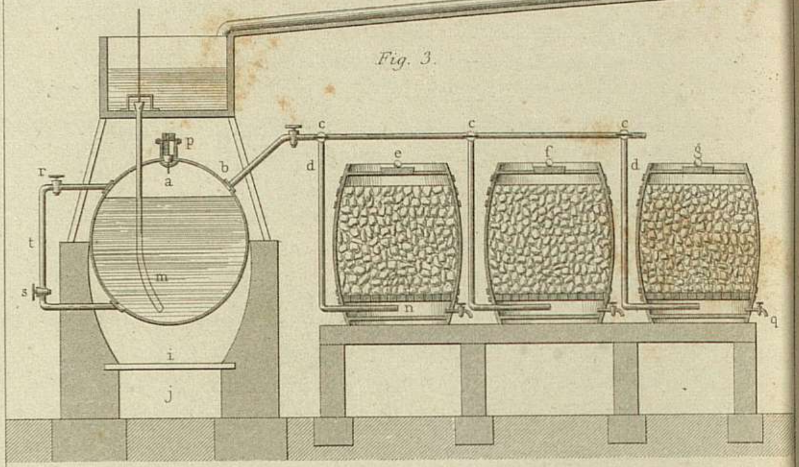

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Fig. 3.

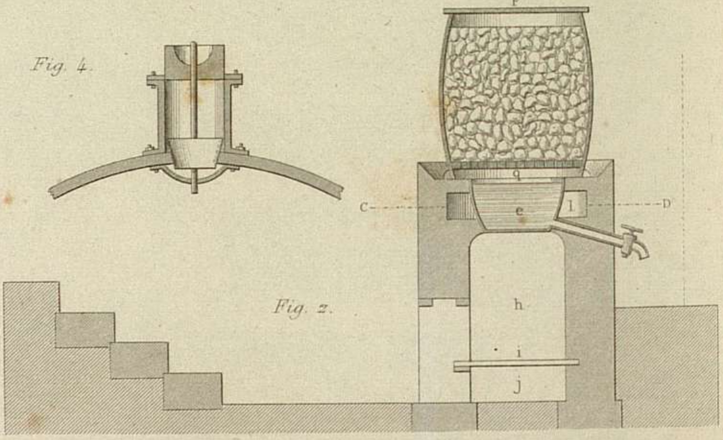

Fig. 4.

Fig. 2.

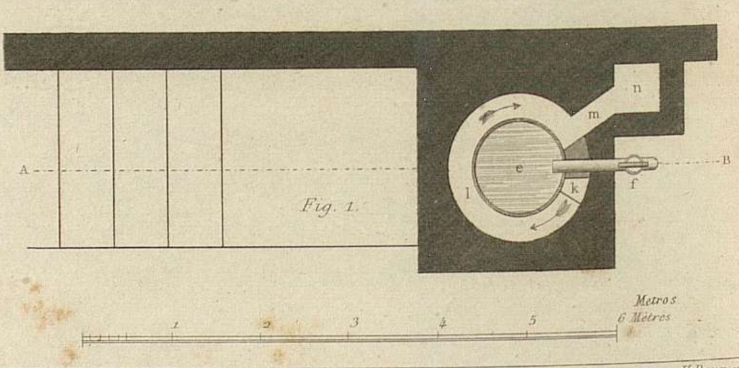

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Fig. 1.

H. Roux aîné

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Pl. 18

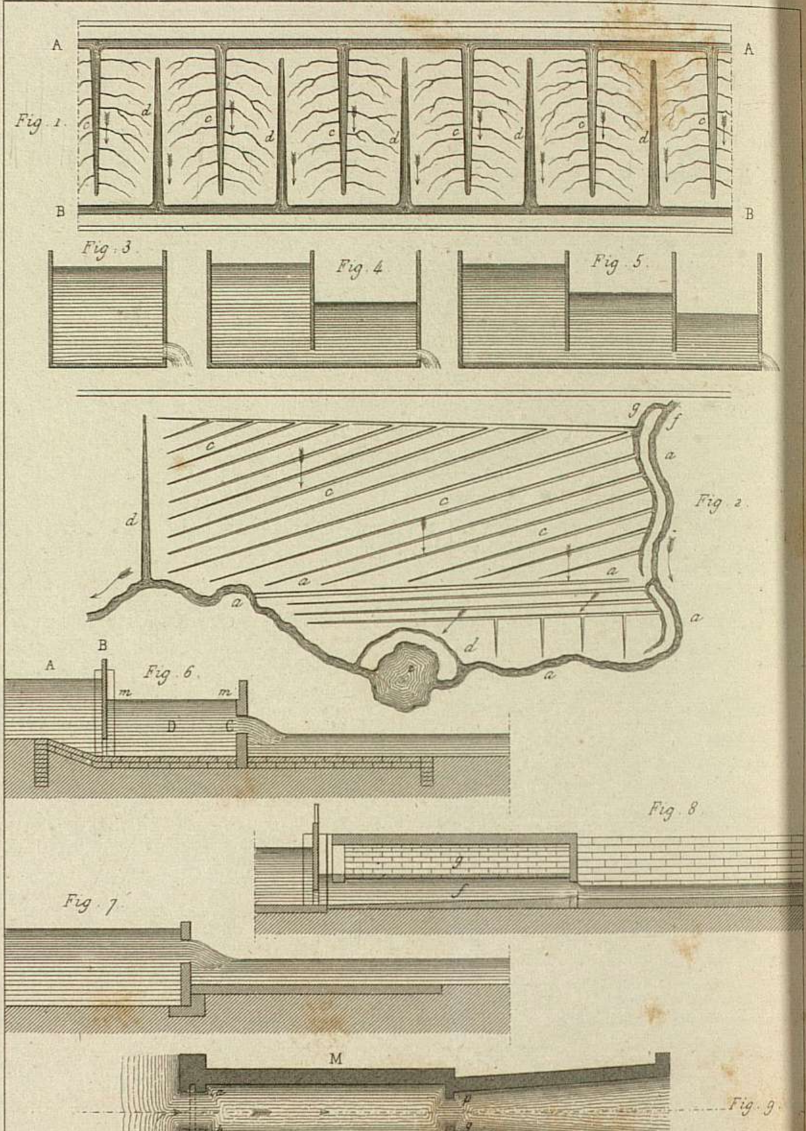
Fig. 1.
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Fig. 8.
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Fig. 7.
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Fig. 9.
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Fig. 10.

H. Roux ainé

Irrigations Irrigaciones

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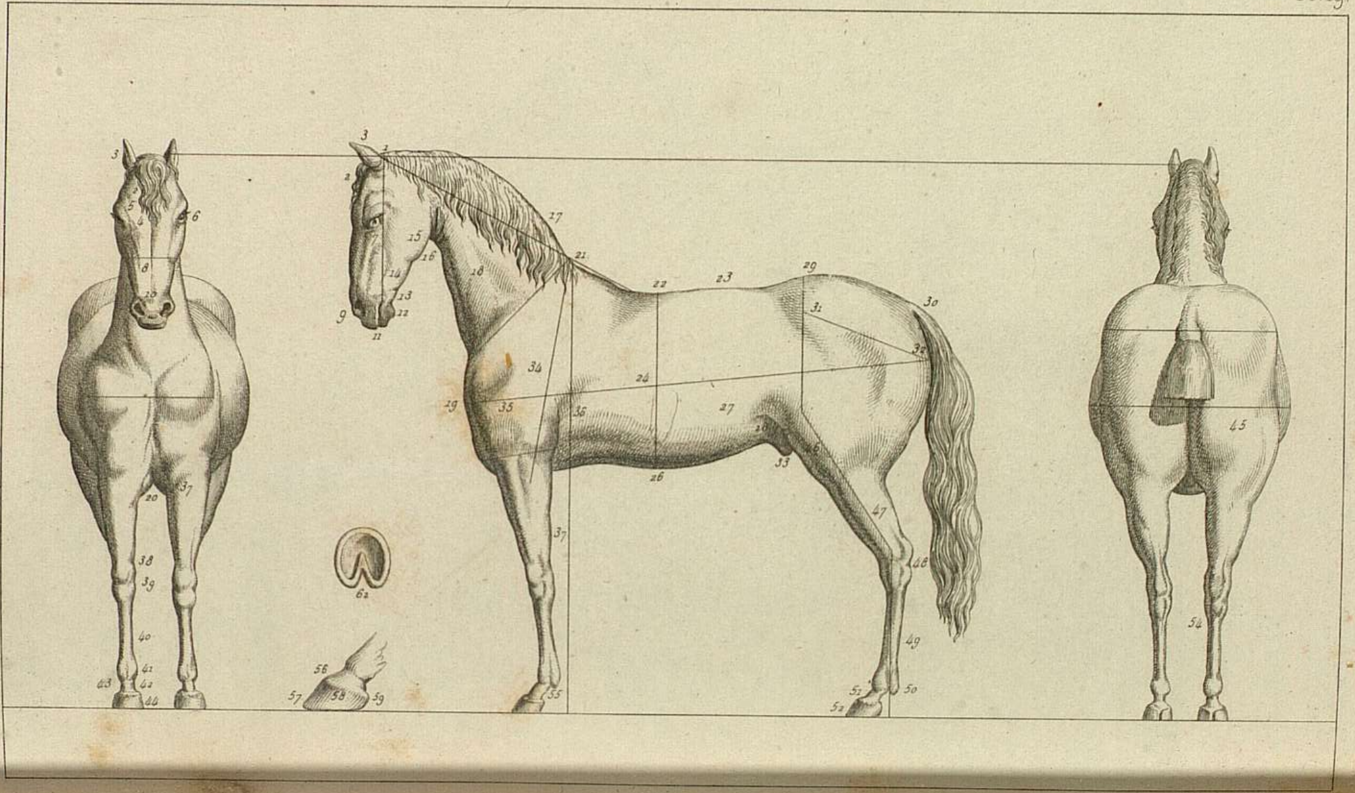
Pl. 19.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H. Roux aîné.

Proportions du Cheval

Proporciones del Caballo

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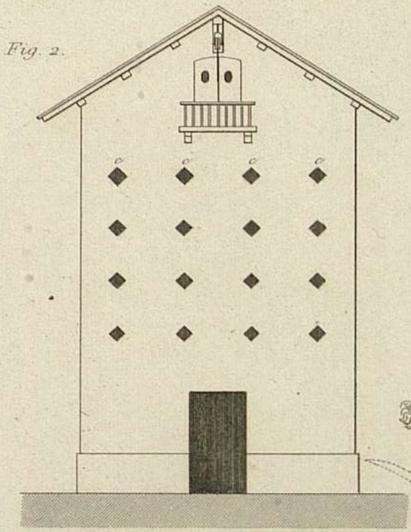
Fig. 2.



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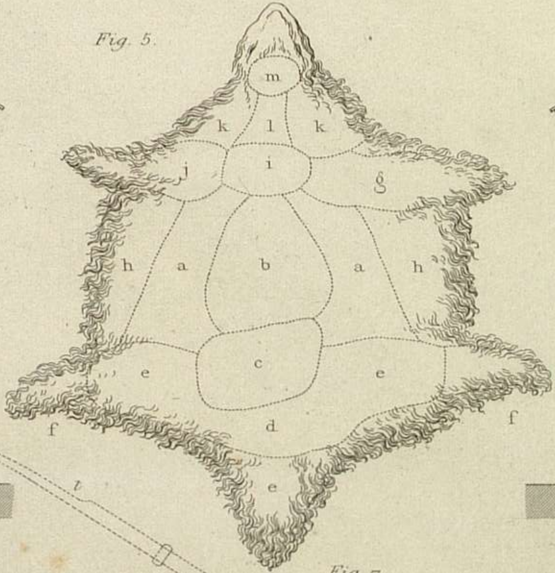
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Fig. 4.

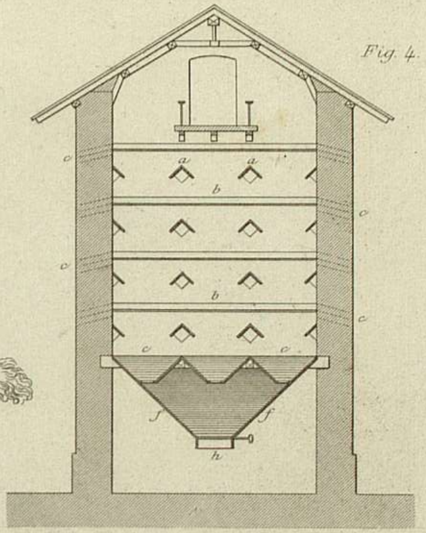
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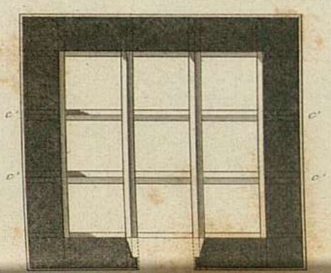
Fig. 1.



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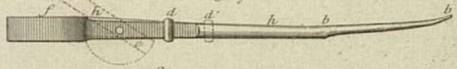

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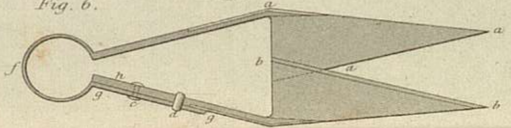
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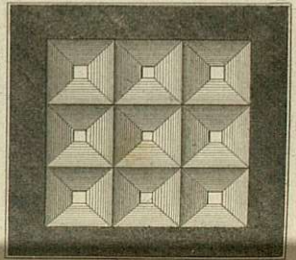
Fig. 3.



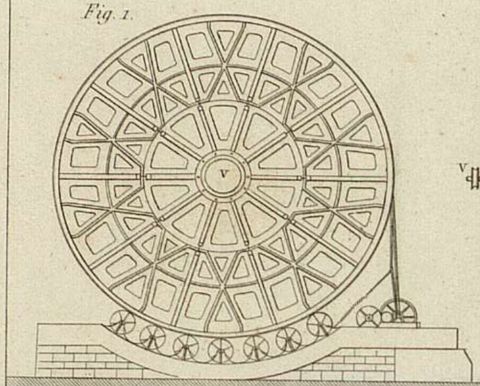
H. Roux ainé

Conservation des grains._Tonte des moutons. Conservacion de los Granos. Esquilo de los carneros

AGRICULTURA
AGRICULTURE.

Pl. 21.

Fig. 1.



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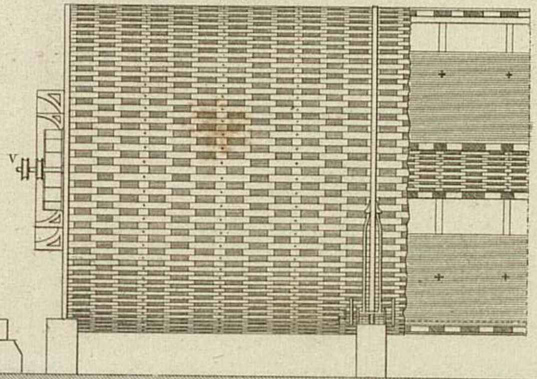

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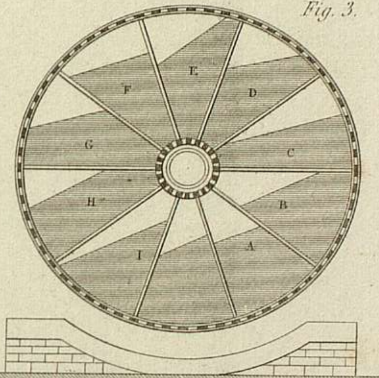


Fig. 4.

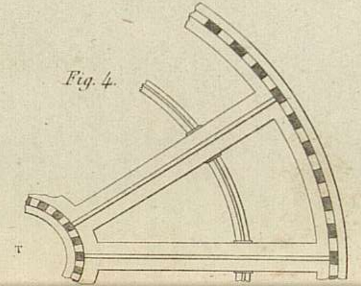
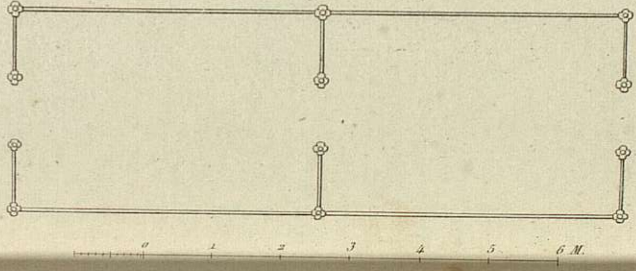


Fig. 6.



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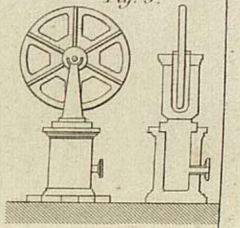

H. Roux aîné

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Fig. 1.

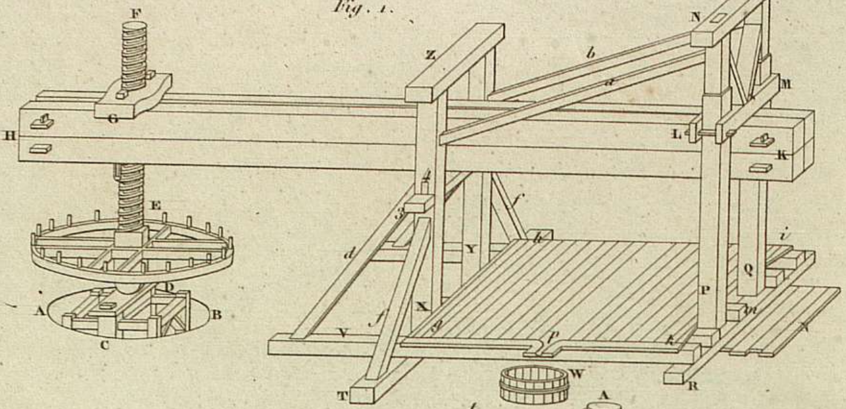
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Fig. 2.

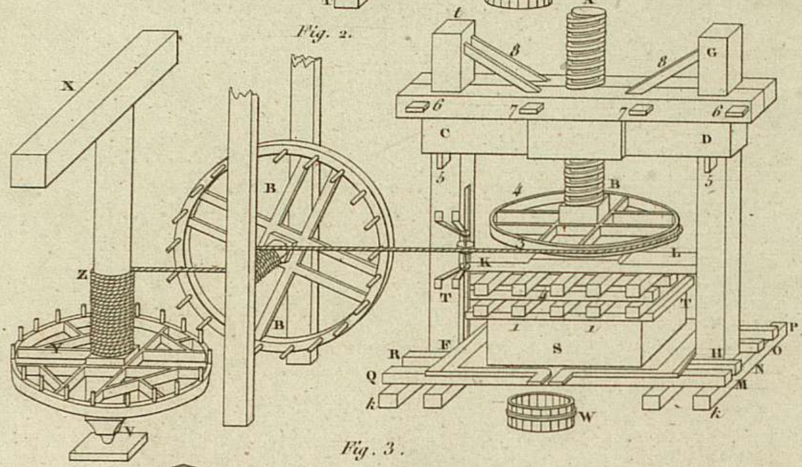
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Fig. 3.

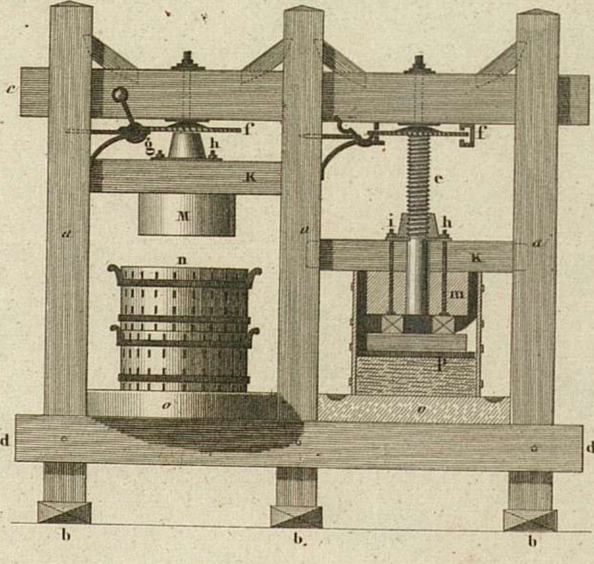
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Fig. 2.

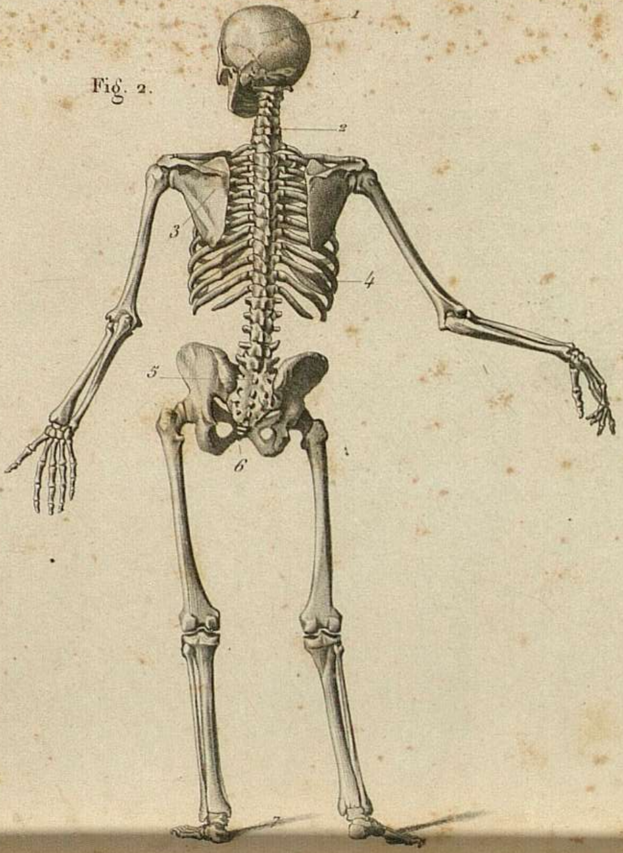
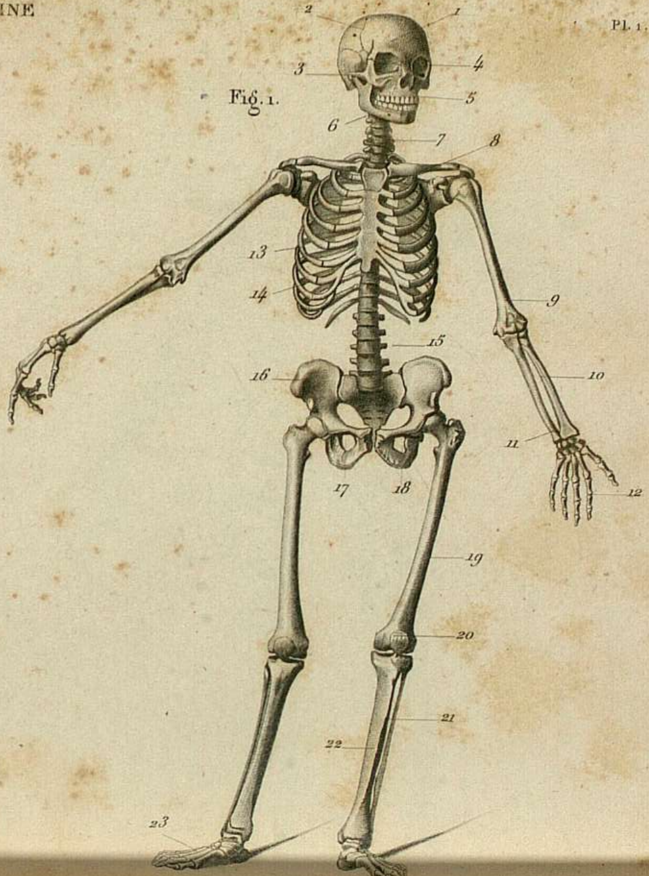


Fig. 1.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ANATOMIA HUMANA

ANATOMIE HUMAINE

Fig. 1.

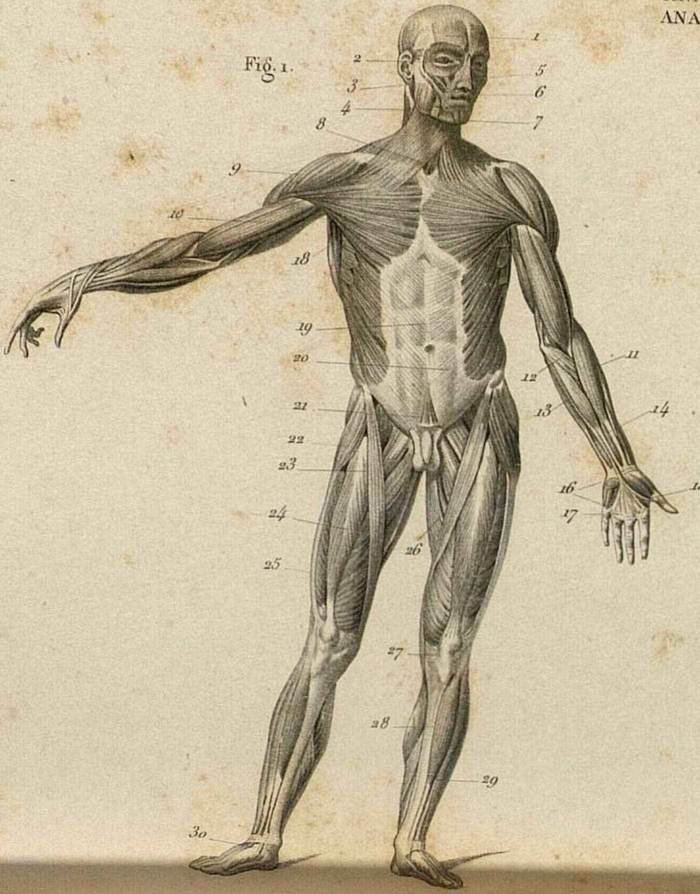
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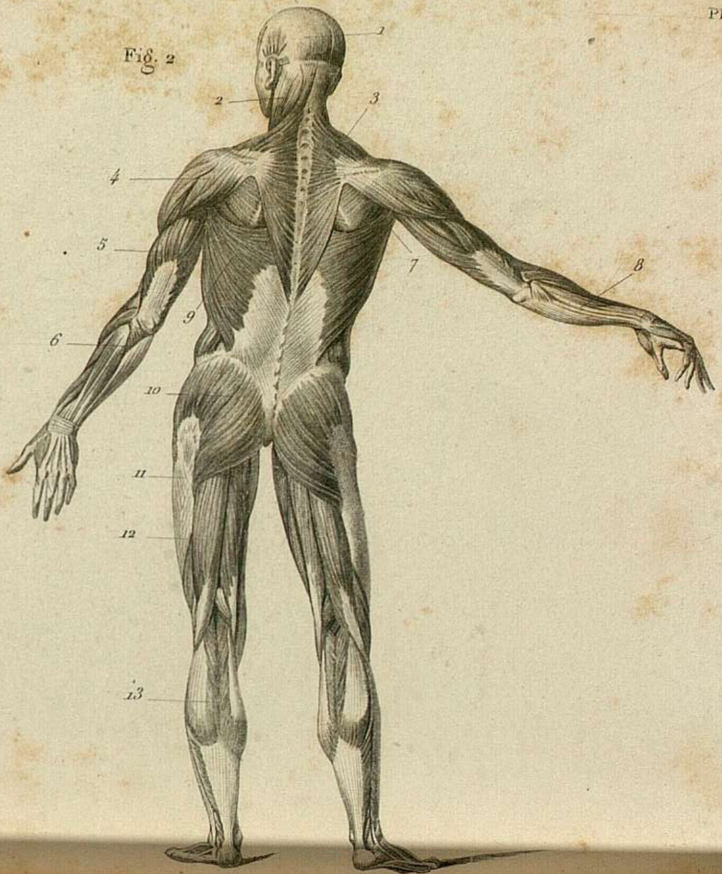
Fig. 2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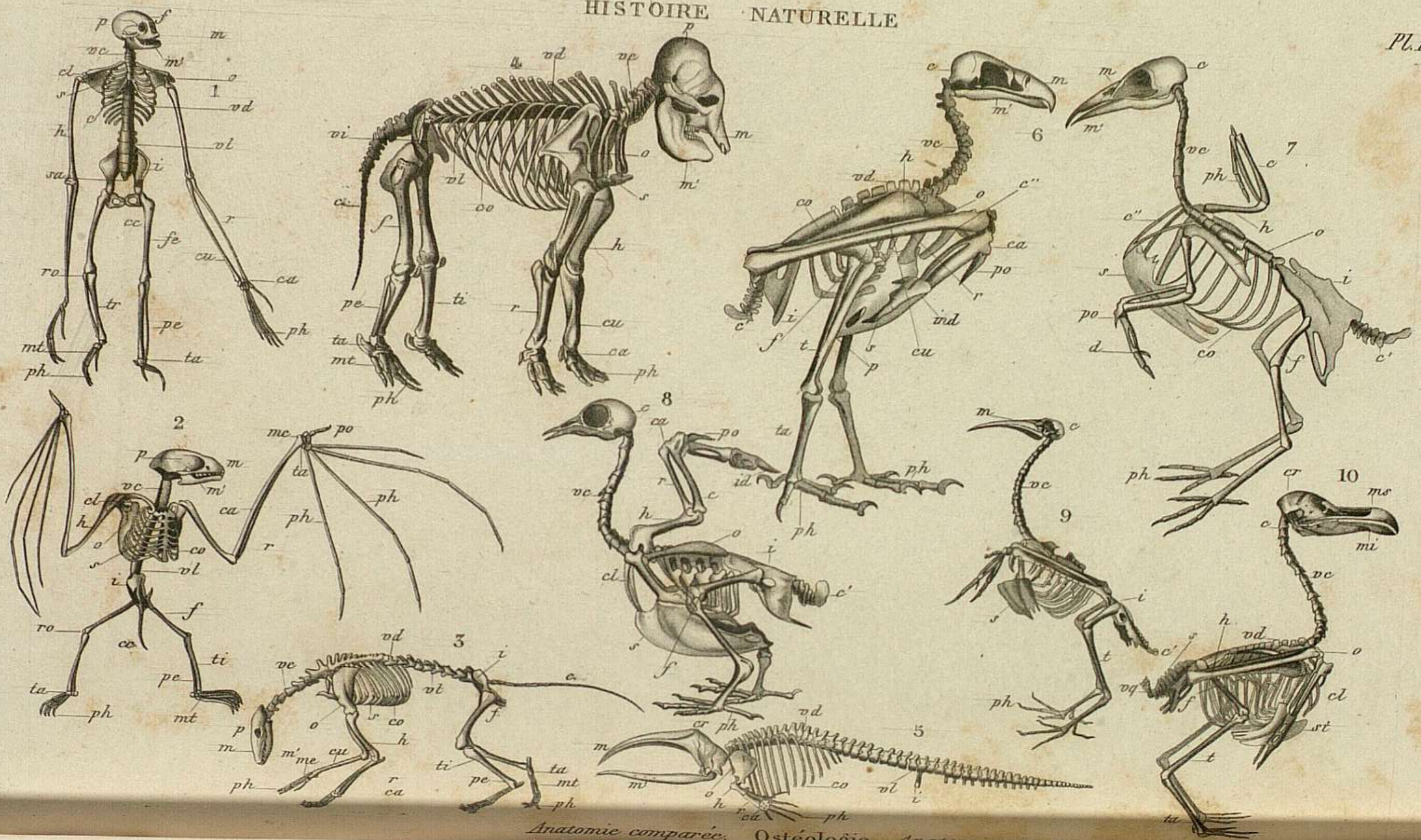
HISTORIA NATURAL

HISTOIRE NATURELLE

Pl. 1.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Anatomie comparée. Ostéologie. *Anatomia comparada.*

ANATOMIA HUMANA
ANATOMIE HUMAINE

Pl. 3.

Fig. 1.

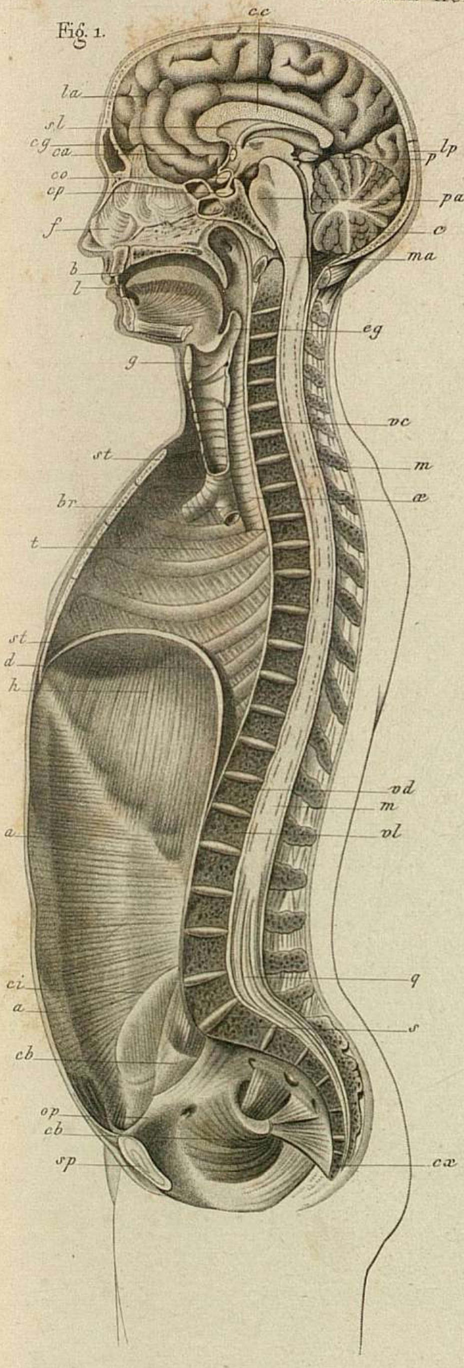
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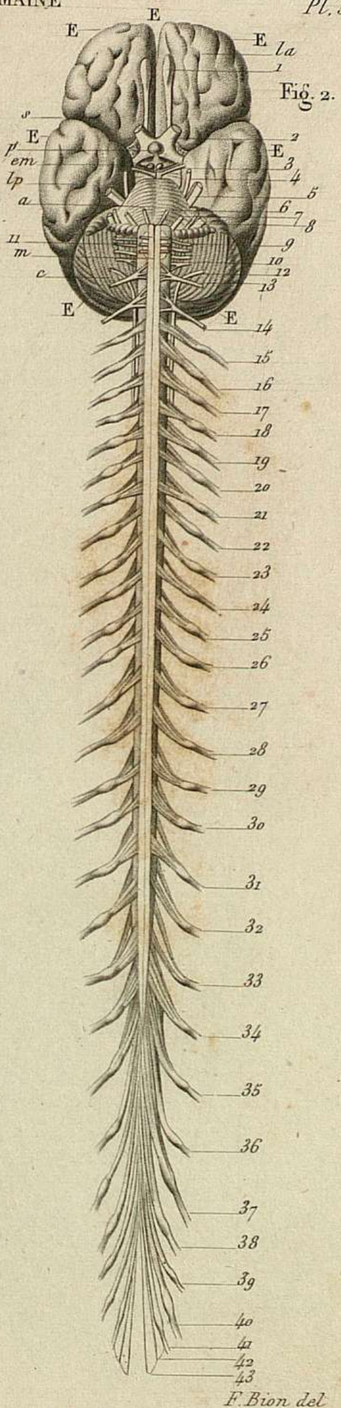
Fig. 2.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F. Bion del

Fig 2

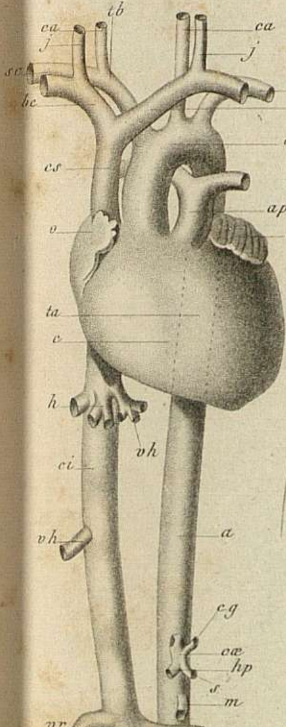
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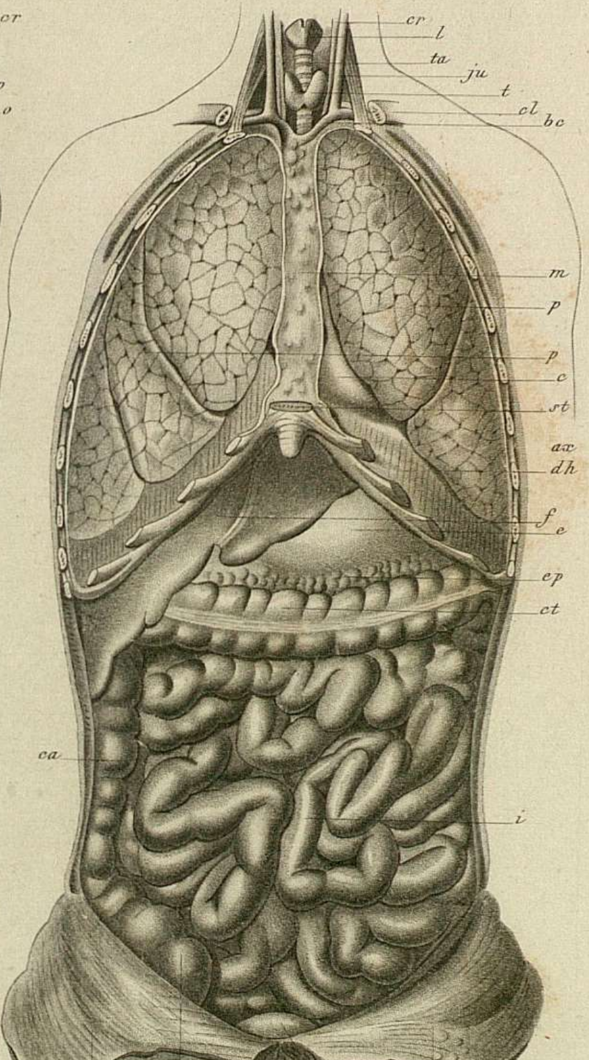
Fig 1.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F. Bion del

Fig. 3

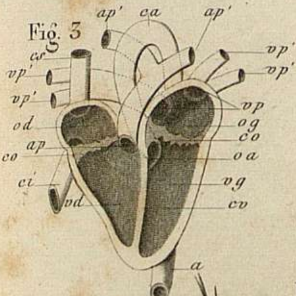
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Fig. 2.

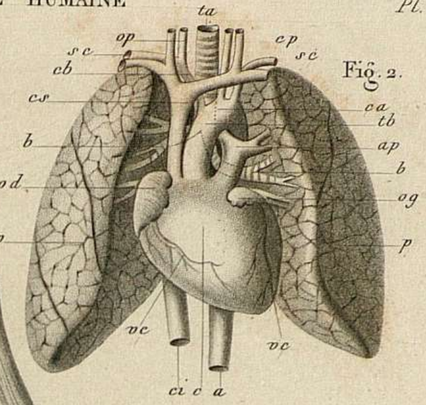
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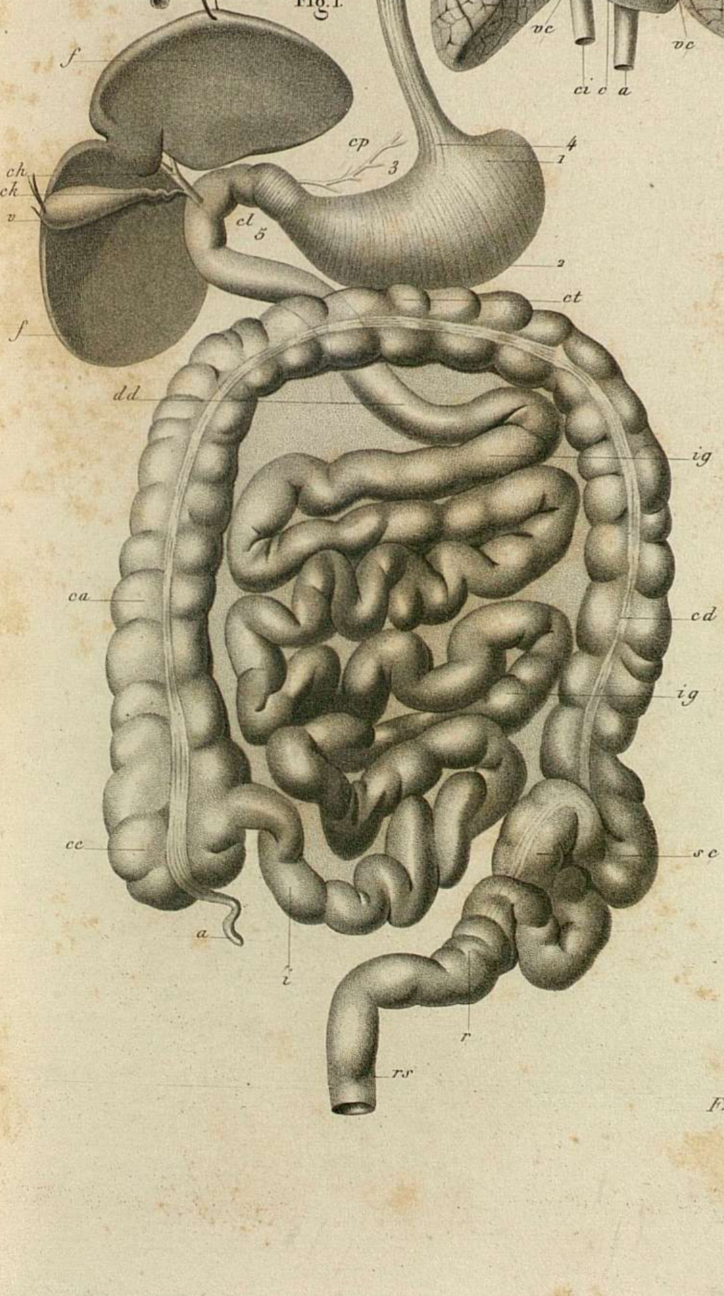
Fig. 1.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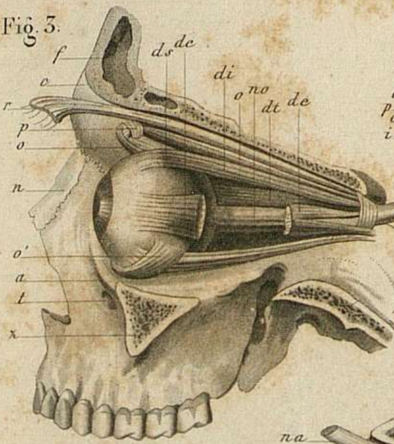
F. Bion del

ANATOMIA HUMANA

ANATOMIE HUMAINE

Pl. 6.

Fig. 3.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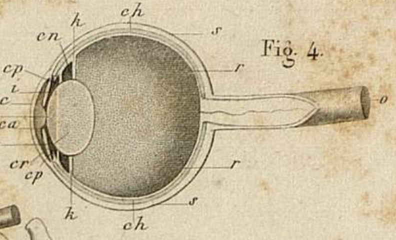
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Fig. 2.

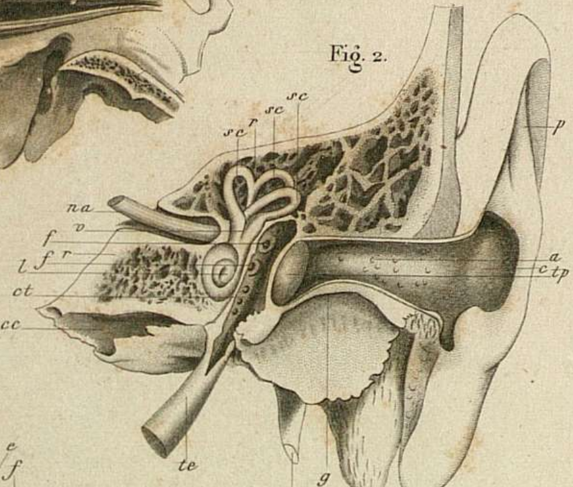
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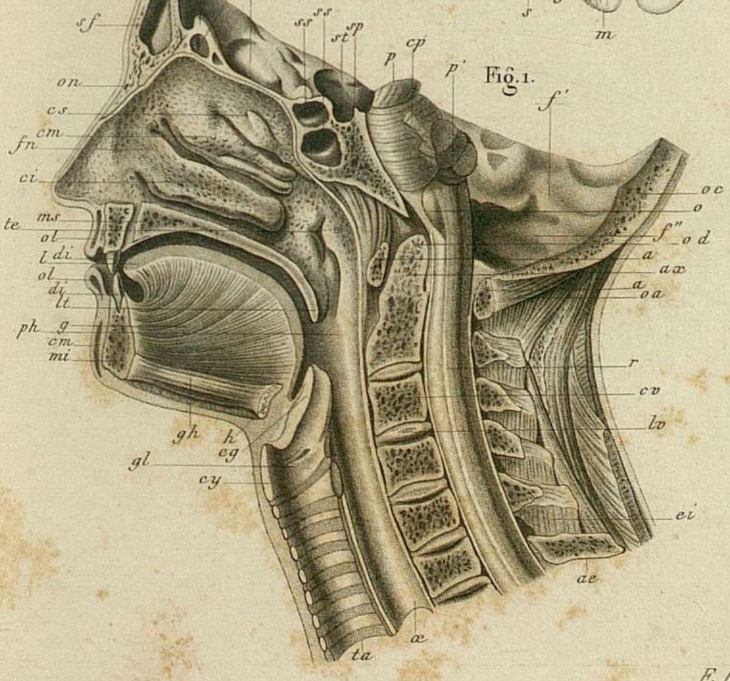
Fig. 1.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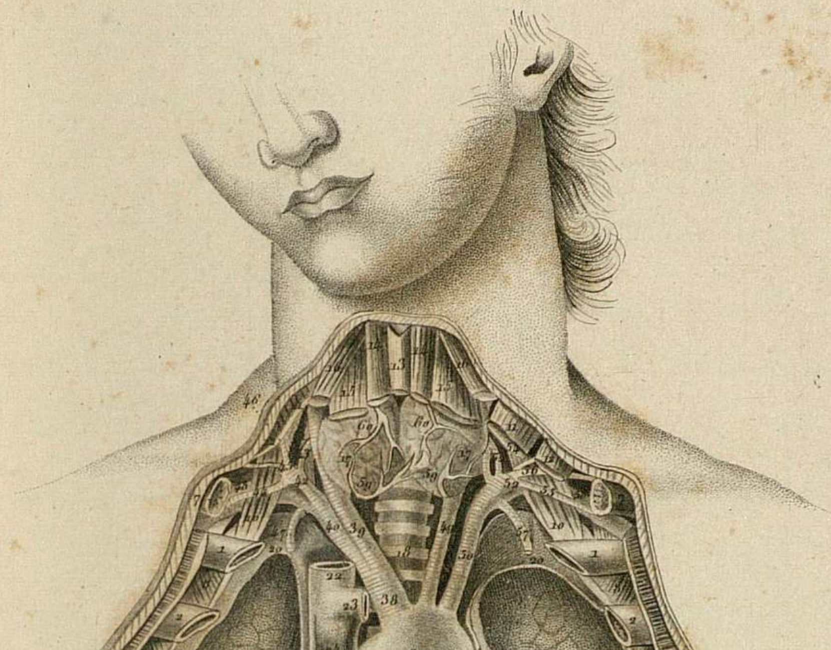
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Fig. 1.

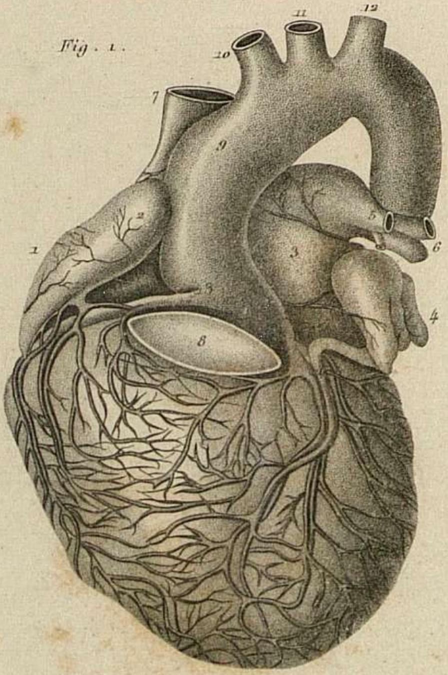
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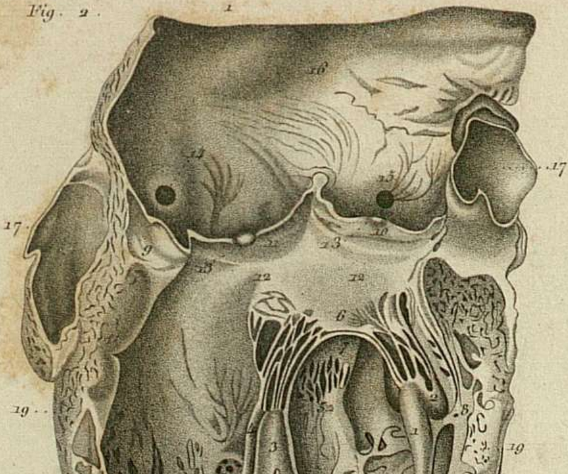
Fig. 2.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ARQUITECTURA
ARCHITECTURE.

Pl. 1.

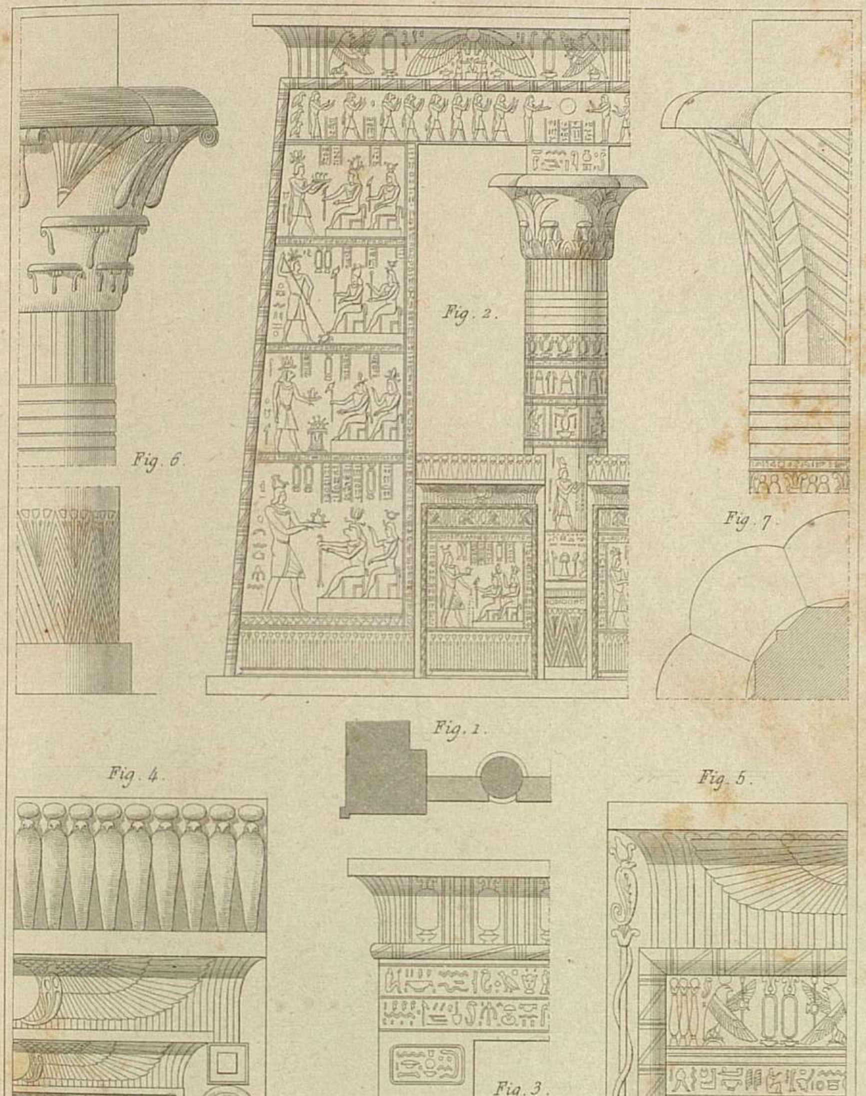
Fig. 6.
Fig. 2.
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Fig. 3.

H. Roux aîné

Ordonnance Egyptienne.

Orden Egipcio.

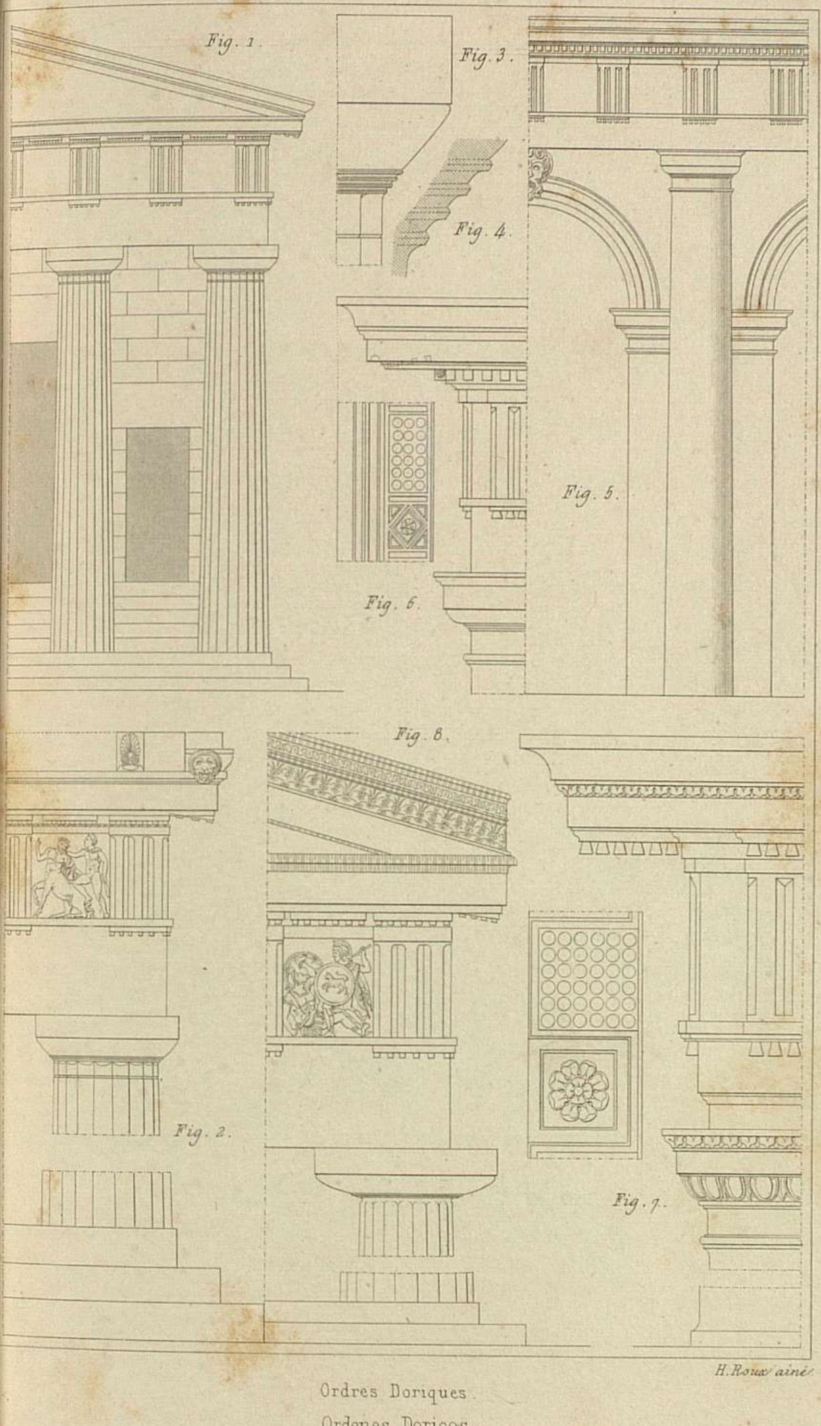
Fig. 1.
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H. Roux aîné.

Ordres Doriques.

Ordenes Doricos.

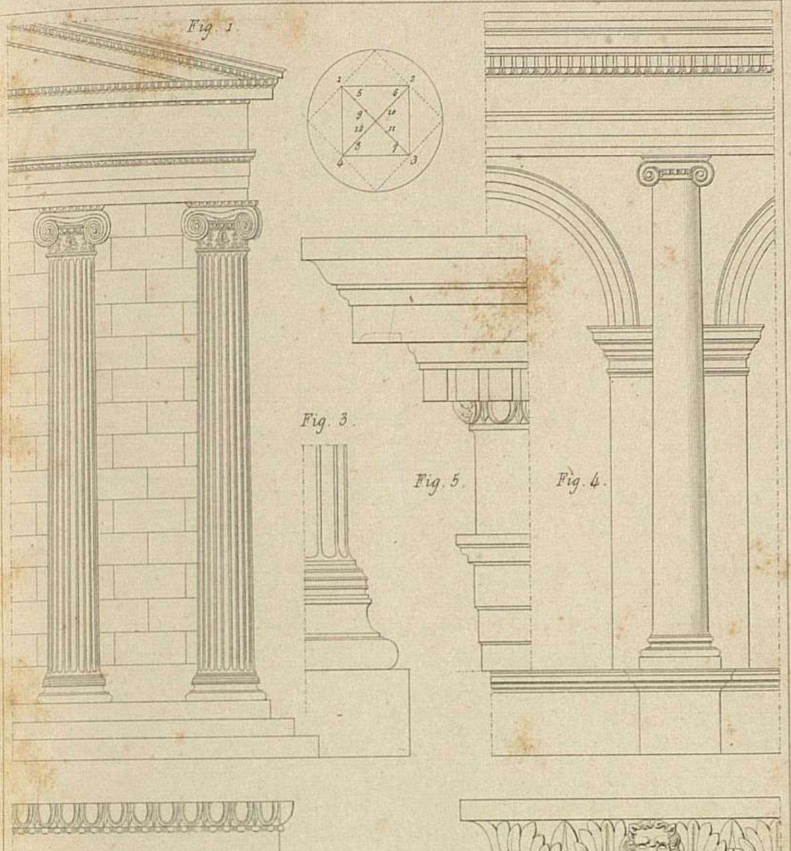
Fig. 1.
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H. Roux aîné.

Ordres Ioniques.

Ordenes Ionicos.

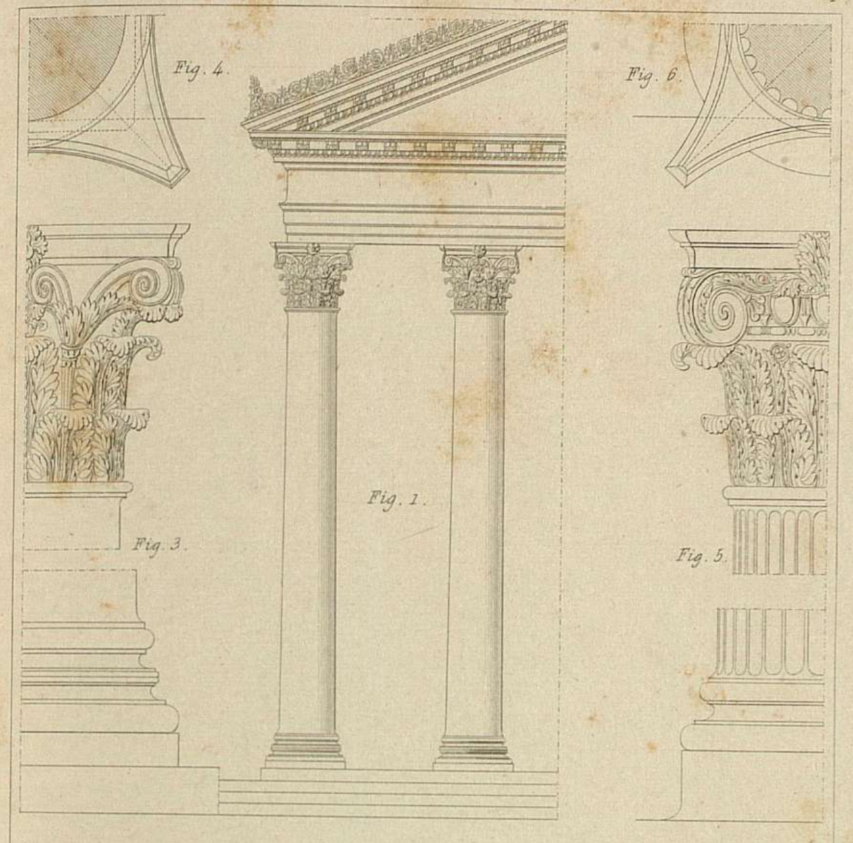
Fig. 4.
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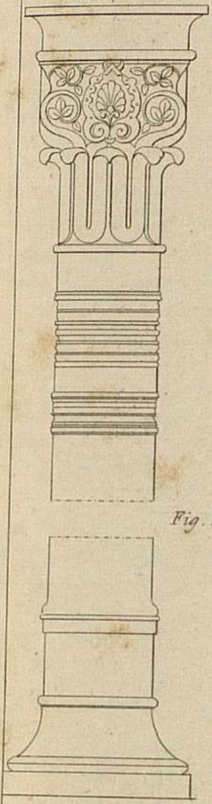
H. Roux ainé

Ordres Corinthien et Composite.

Ordenes Corintio y Compnesto.

ARQUITECTURA.
ARCHITECTURE.



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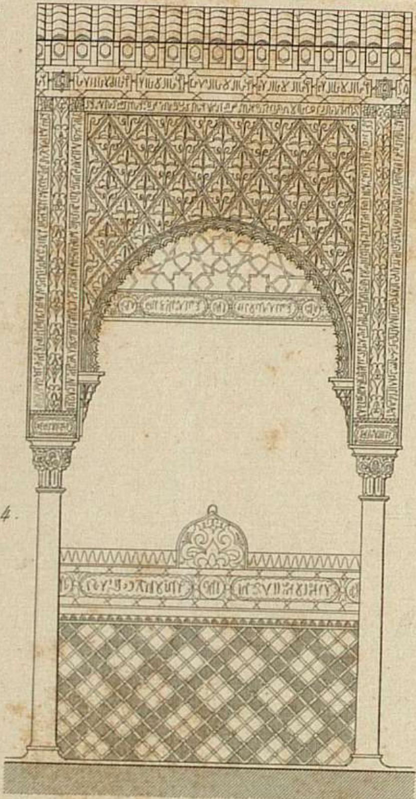

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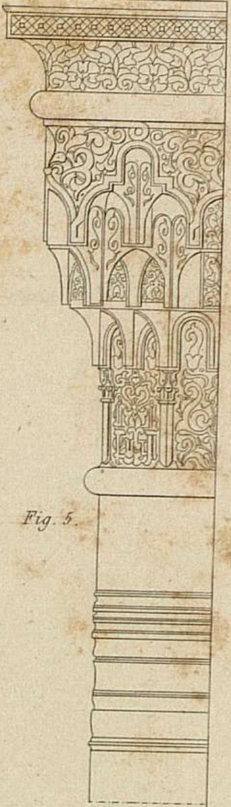

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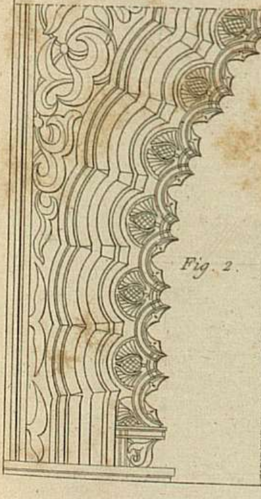

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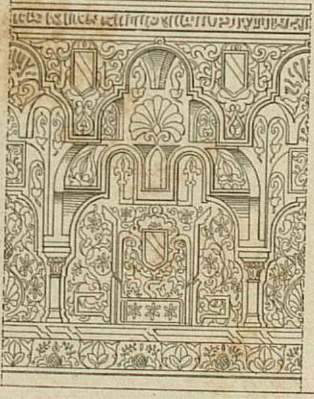

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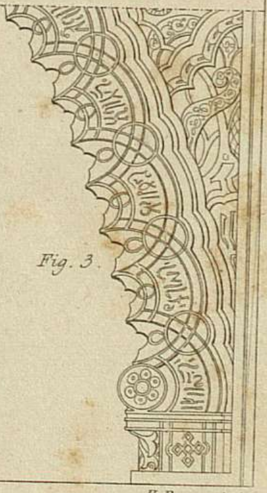
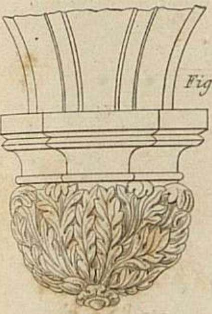


Fig. 3.

H. Roux aîné.

Ordonnance Mauresque.
Orden Morisco.

ARQUITECTURA.
ARCHITECTURE.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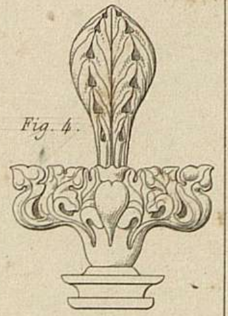
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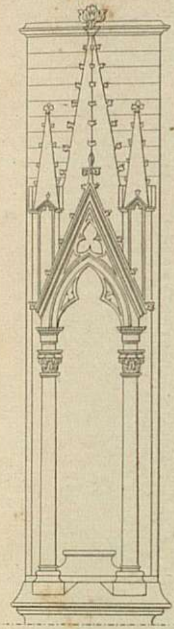
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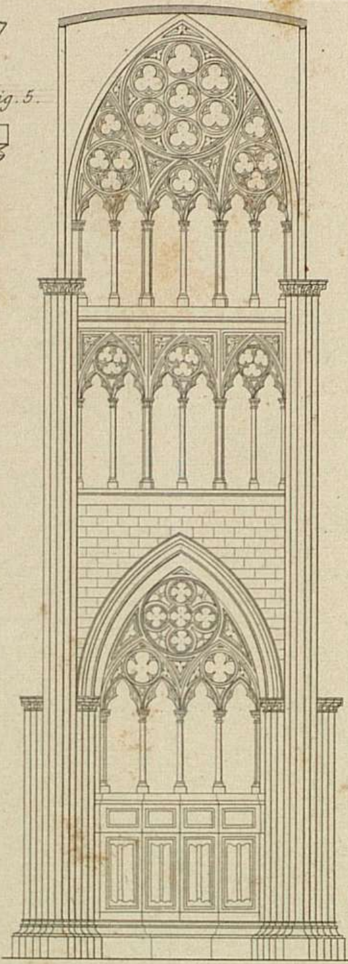
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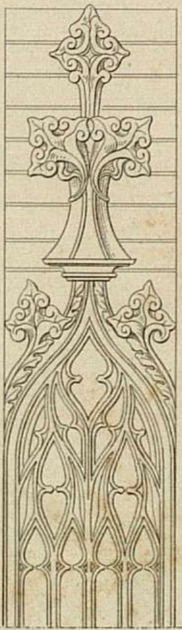
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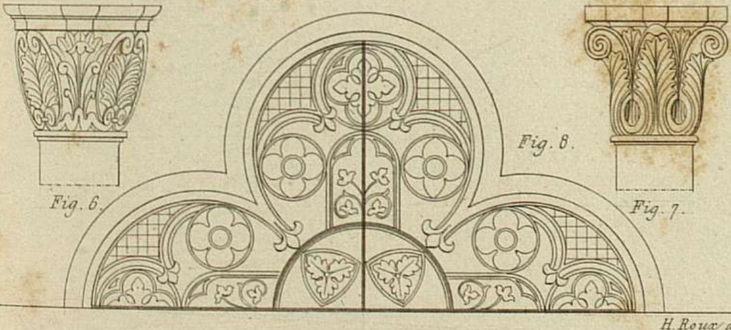
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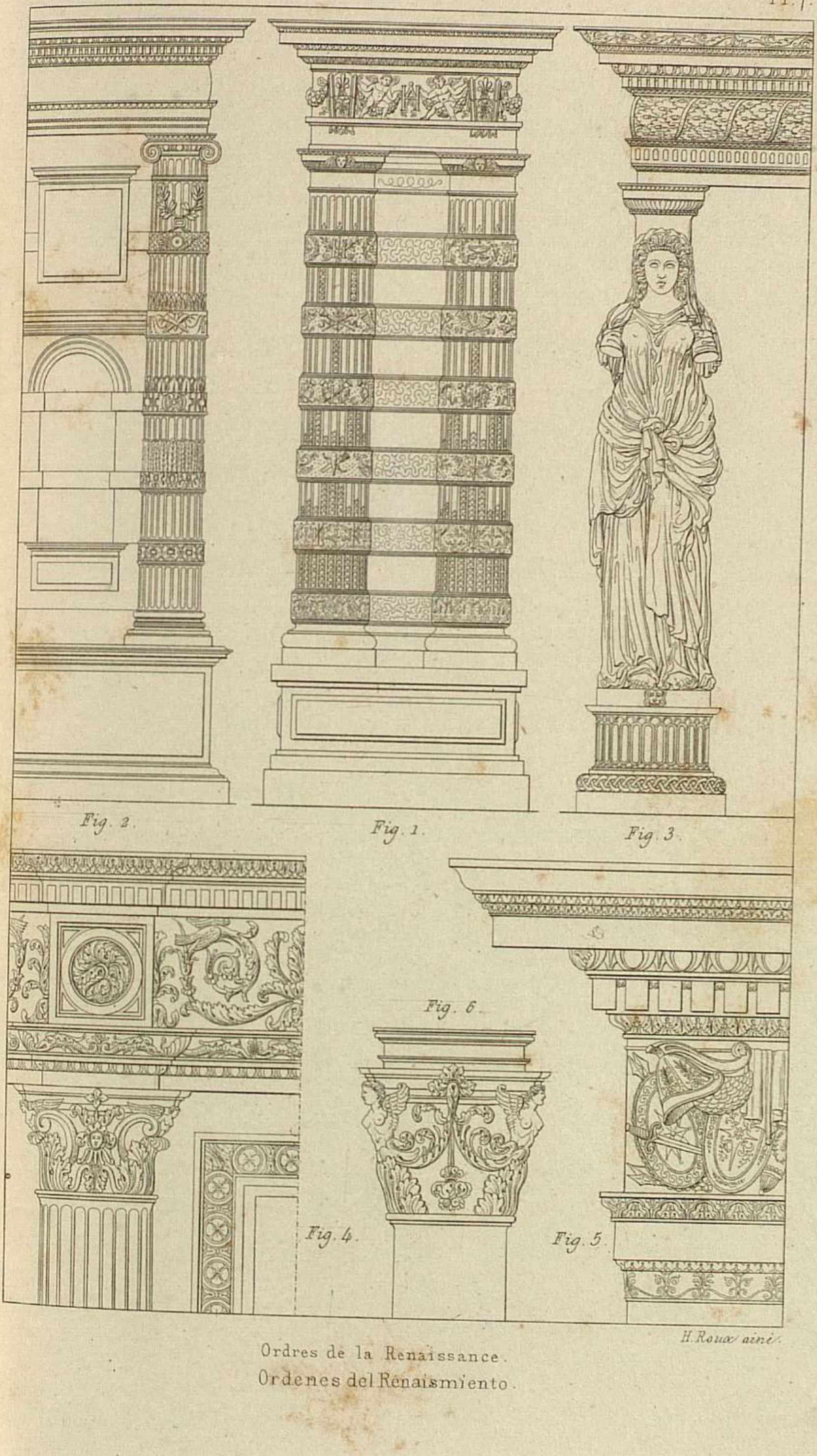
Fig. 7.

Fig. 8.

H. Roux ainé.

Ordonnance Gothique.
Orden Gotico.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H. Roux ainé.

Ordres de la Renaissance.

Ordenes del Renaismiento.

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Pl. 8.

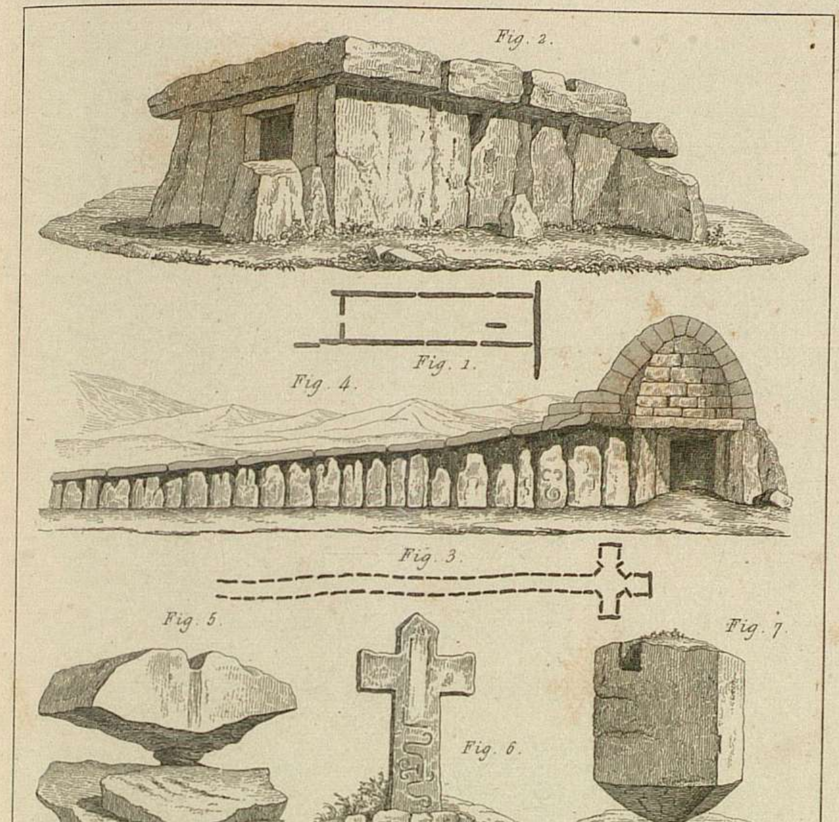
Fig. 2.
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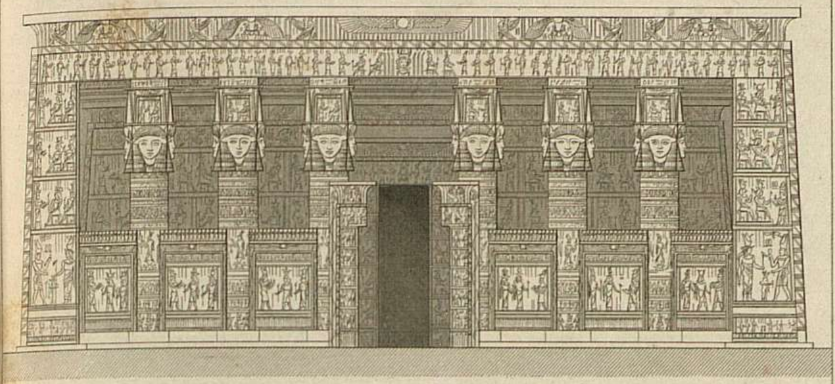
Fig. 10.

H. Roux ainé.

Monuments Celtiques et Gaulois.
Monumentos Celticos y Galos.

Fig. 2.



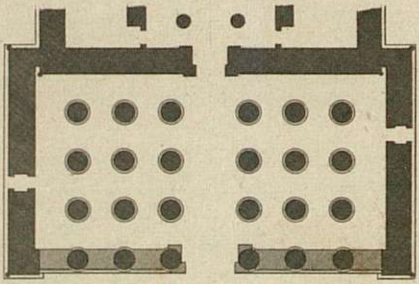


Fig. 1.

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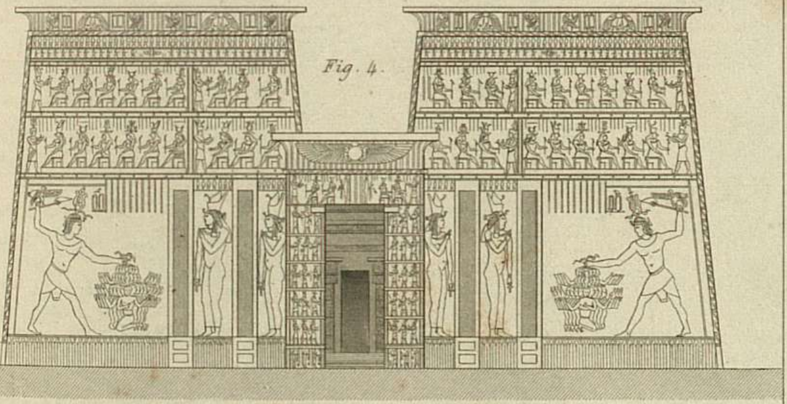

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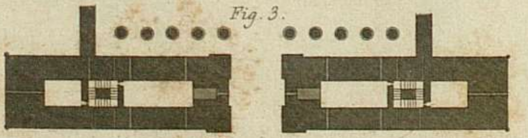
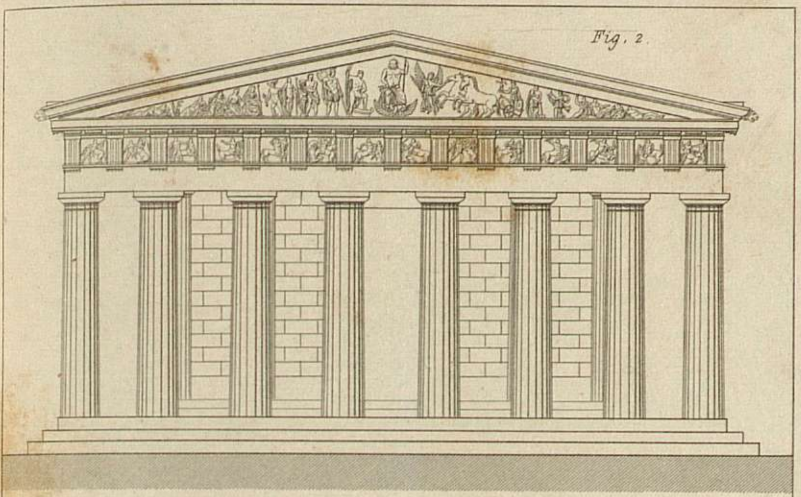


H. Roux aîné.

Temple de Tentyris.
Pylônes du Temple d'Aroeris, à Edfou.
Templo de Tentyris.
Pilon del Templo de Aroeris en Edfou.

ARQUITECTURA.
ARCHITECTURE.

Fig. 2.



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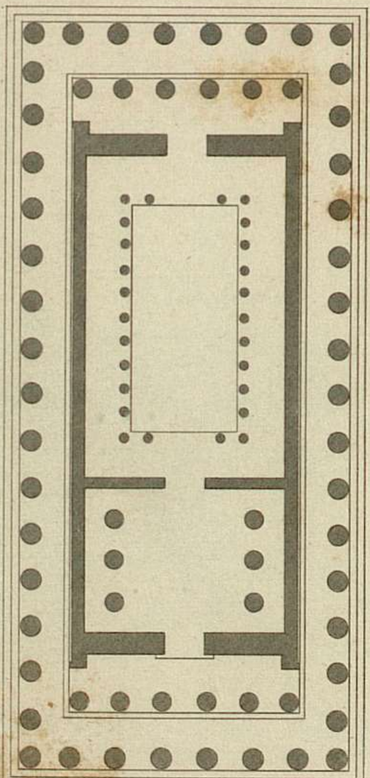

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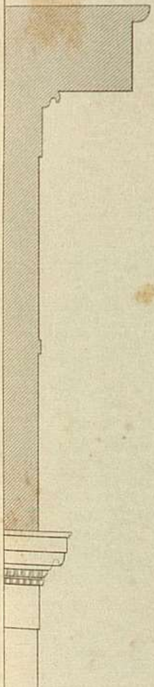

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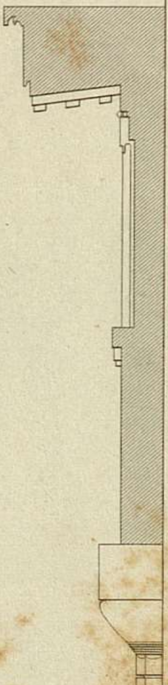
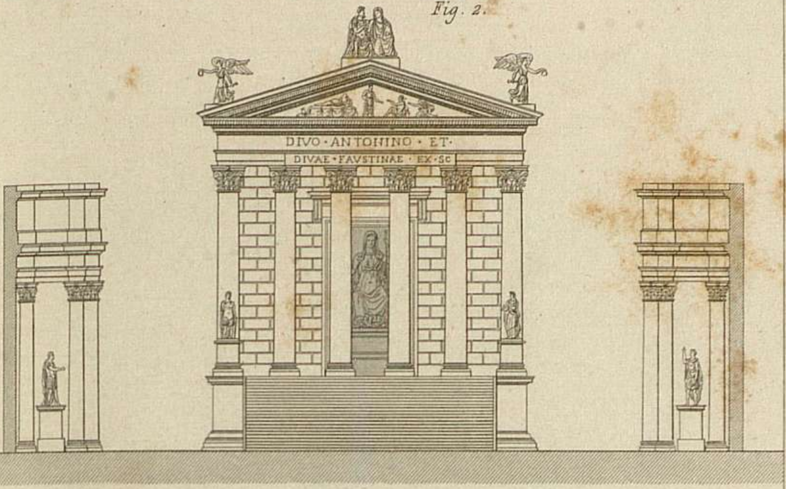


H. Roux aîné.

Le Parthenon.
El Partenon.

Fig. 2.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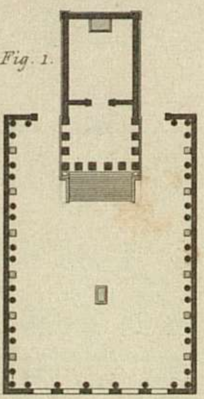

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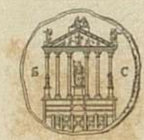

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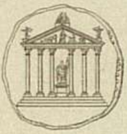

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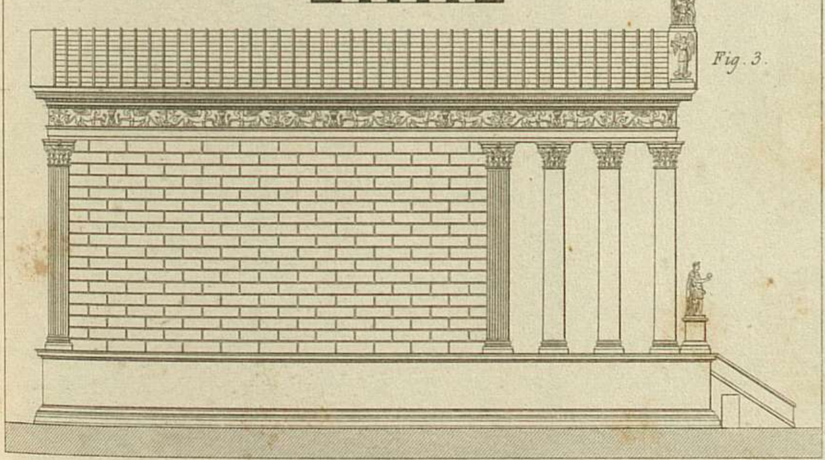

H. Roux ainé.

Temple d'Antonin et Faustine.

Templo de Antonino y Faustina.

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Fig. 2.

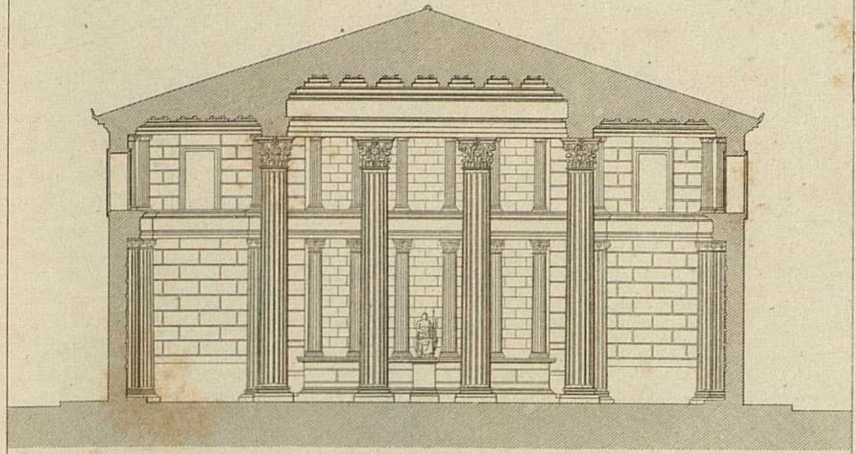
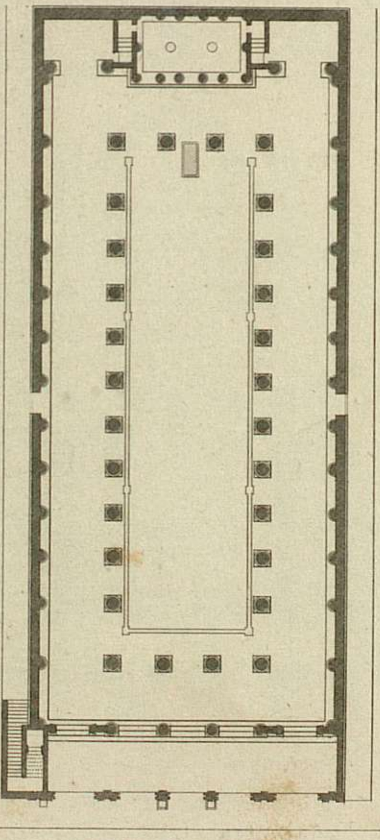


Fig. 1.



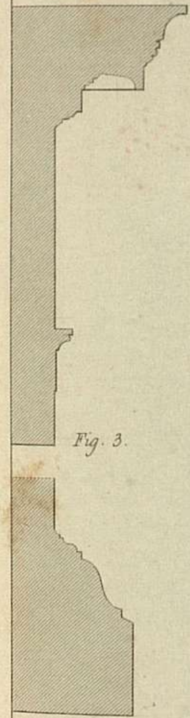


Fig. 3.

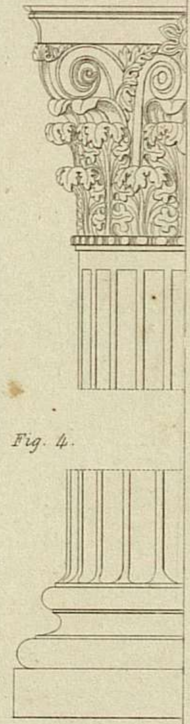
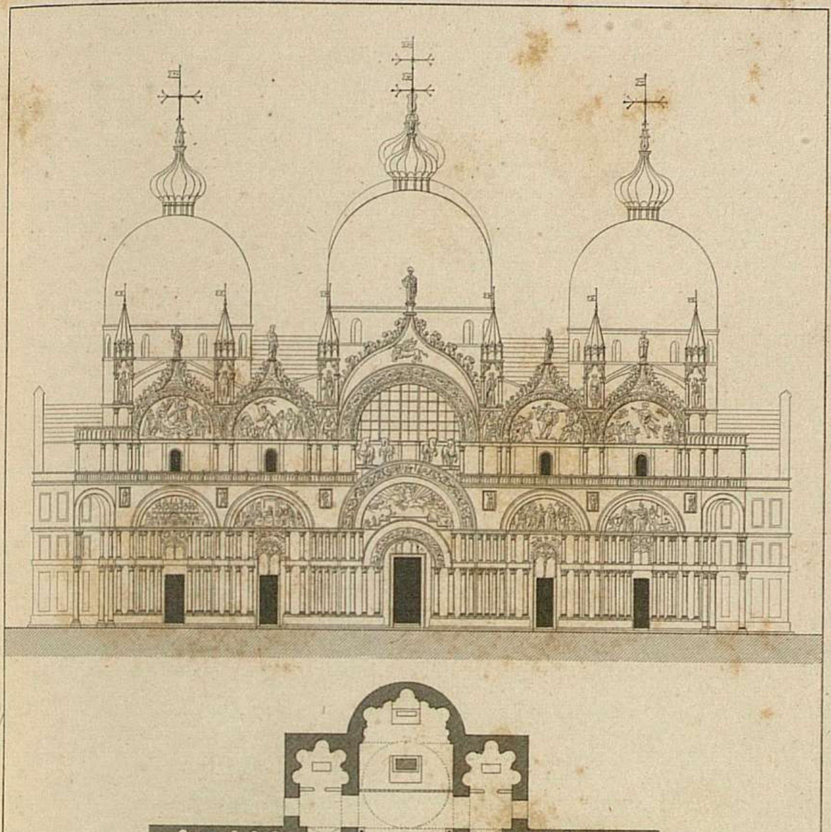


Fig. 4.

H. Roux ainé.

Basilique de Pompei.
Basilica de Pompeya.



H. Roux aîné.

Eglise St. Marc, à Venise.

Iglesia de S. Marcos en Veneisa.

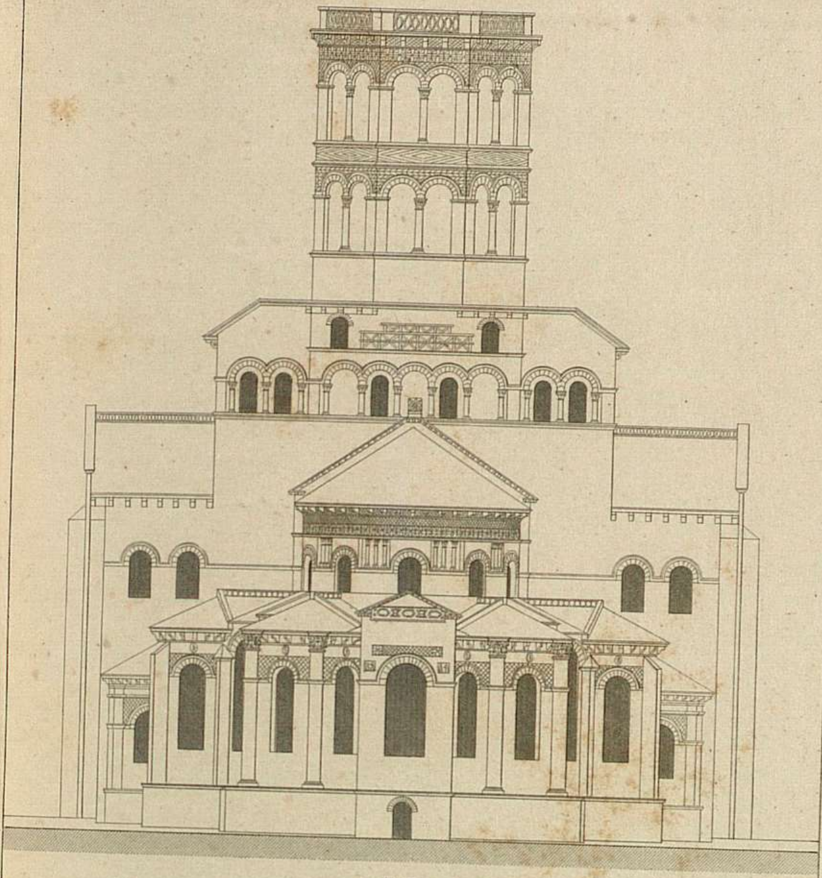
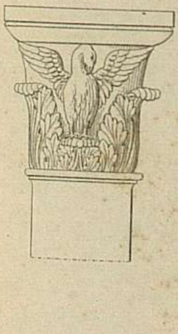
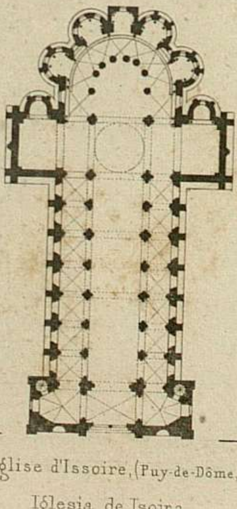


Fig. 1.





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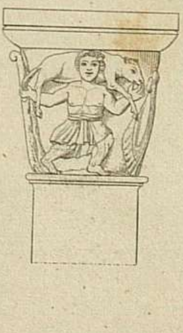
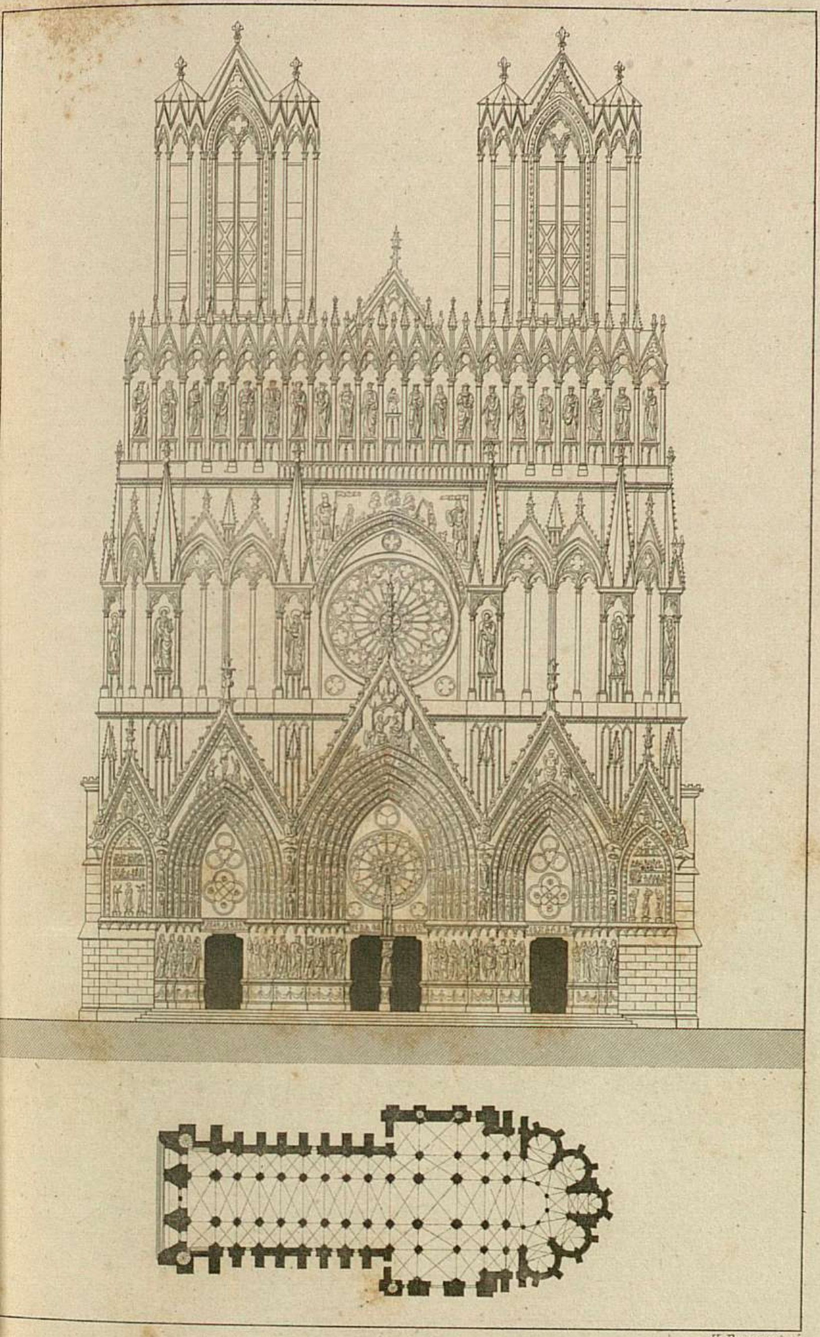


H. Roux aîné.

Eglise d'Issoire, (Puy-de-Dôme)

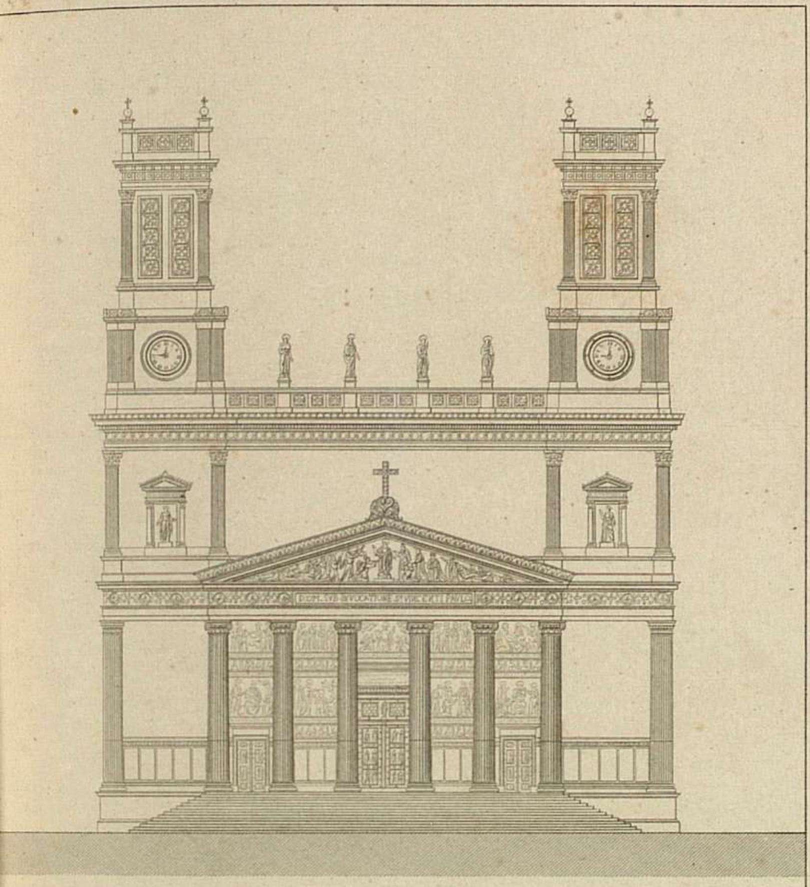
Iglesia de Isoira.



H. Roux ainé.

Cathédrale de Reims.

Catedral de Reims.



H. Roux ainé.

Eglise de S^t. Vincent de Paul.

Iglesia de S. Vicente de Paul.

ARQUITECTURA.
ARCHITECTURE.

Elévation sur la Cour des Lions.
Elevacion sobre el Patio de los Leones.

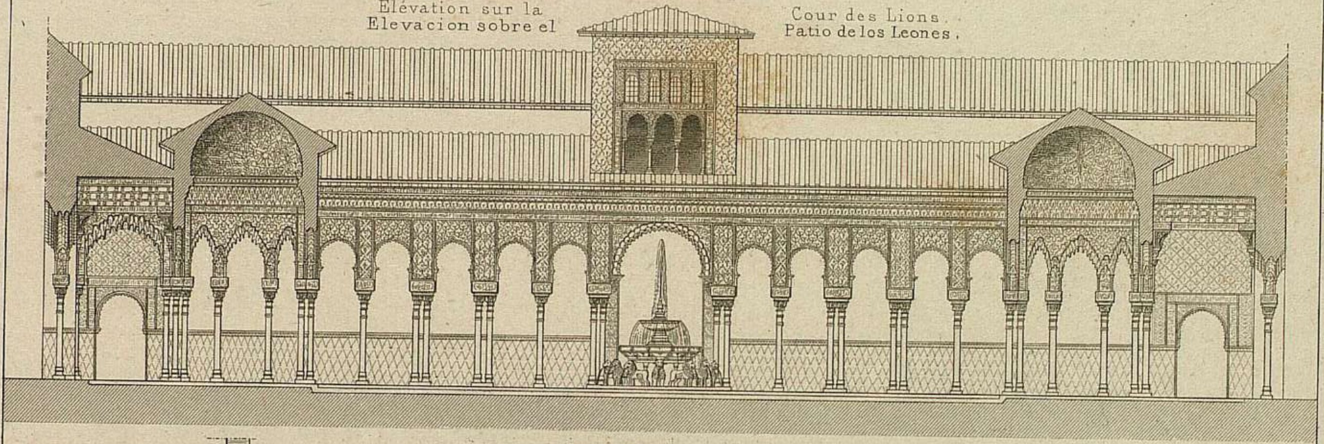
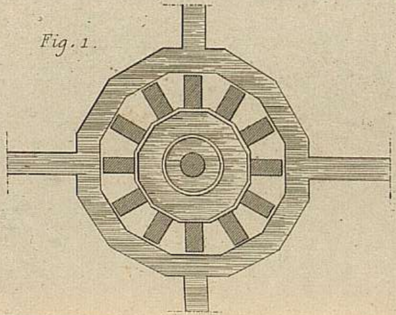


Fig. 1.



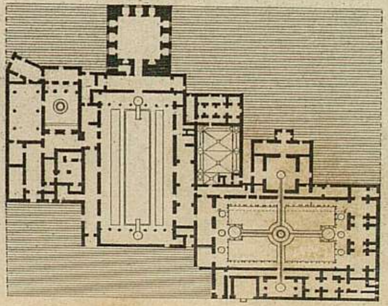
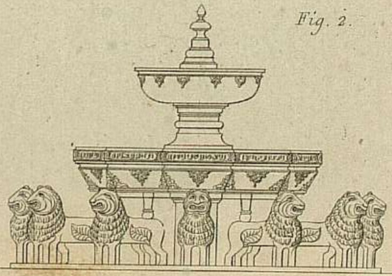


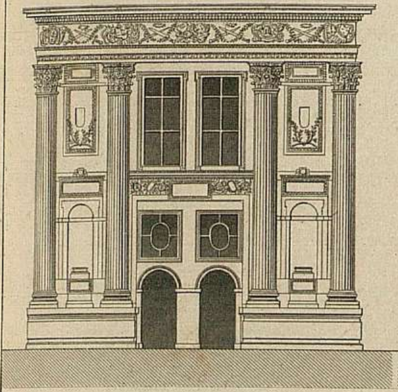
Fig. 2.



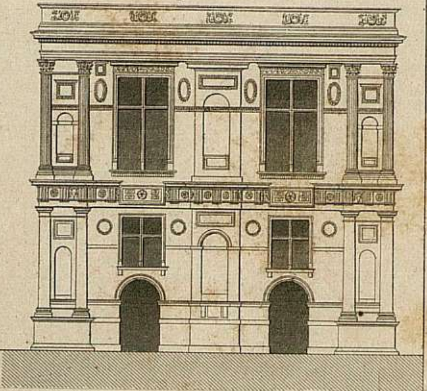
Palais de l'Alhambra. Palacio de la Alhambra.

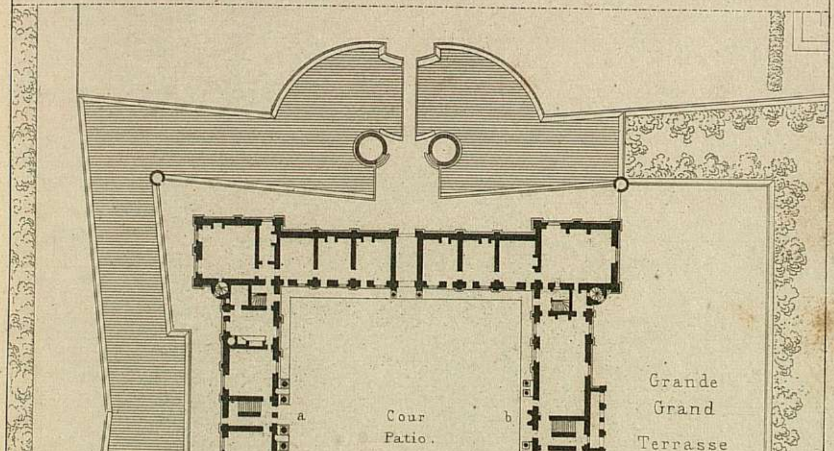
H. Roux ainé.

Portique marqué a au Plan.
Portico marcado en el Plano.



Avant-corps marqué b au Plan.
Chite cuerpo marcado en el Plano.

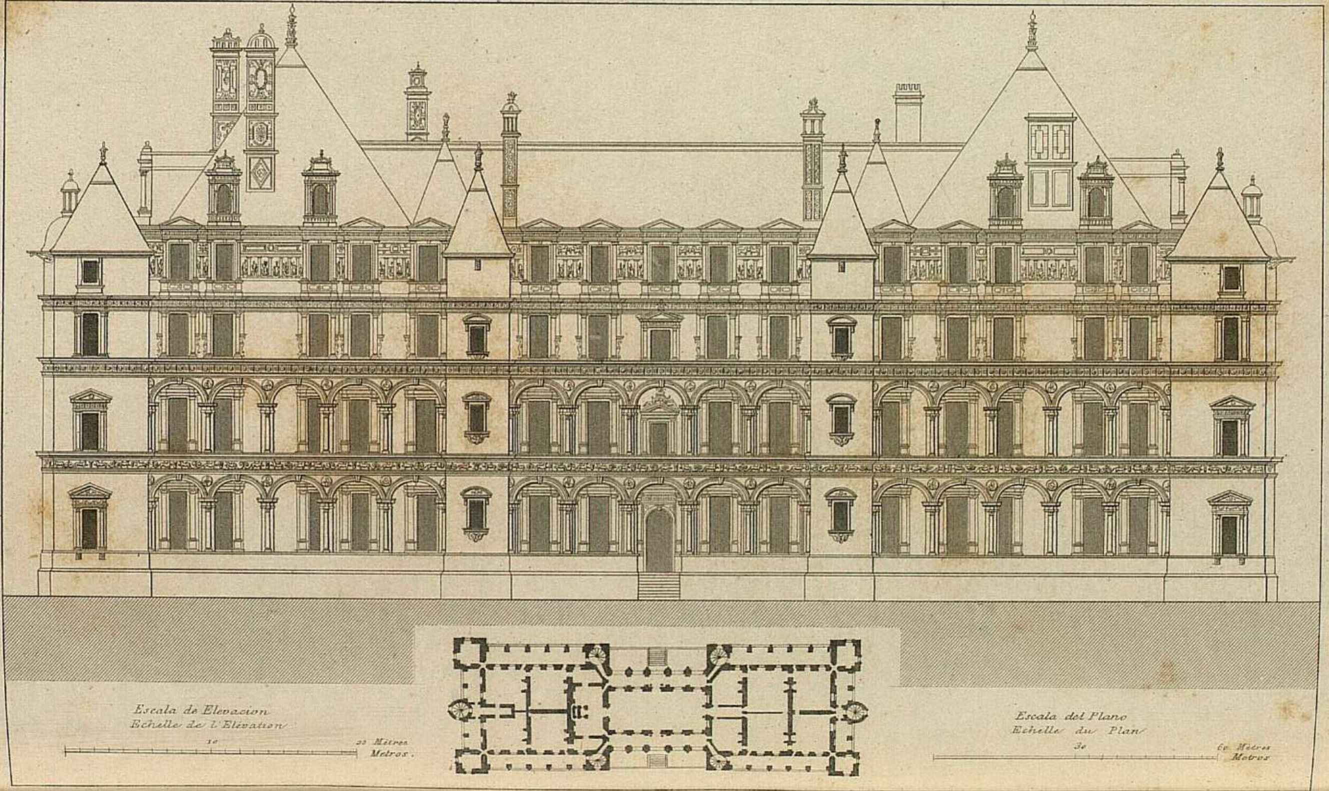



a
Cour
Patio.
b
Grande
Grand
Terrasse
Terrado

H. Roux ainé

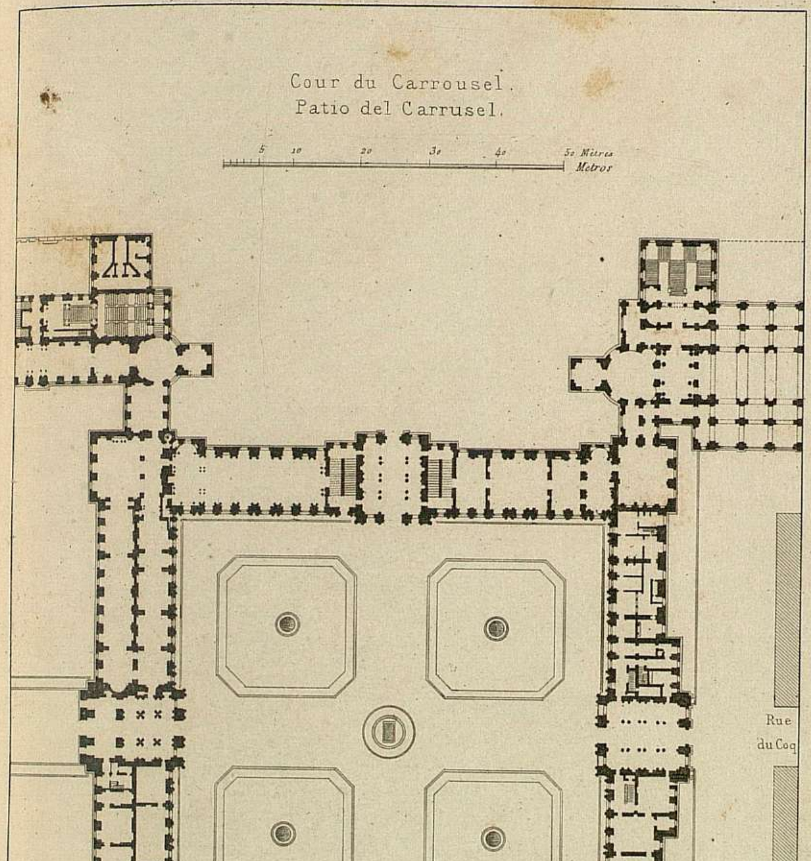
Château d'Ecouen.

Castillo de Ecouen.


Escala de Elevacion
Echelle de l'Elévation
10
20 Mètres
Metros.
Escala del Plano
Echelle du Plan
30
60 Mètres
Metros

H. Roux ainé

Château de Madrid (au Bois de Boulogne) Castillo de Madrid


Cour du Carrousel.
Patio del Carrusel.
5
10
20
30
40
50 Mètres
Metros
Rue du Coq
Place de l'Oratoire
Plaza del Oratorio.
Quai du Louvre
Place du Louvre.
Plaza del Luvre.

H. Roux ainé

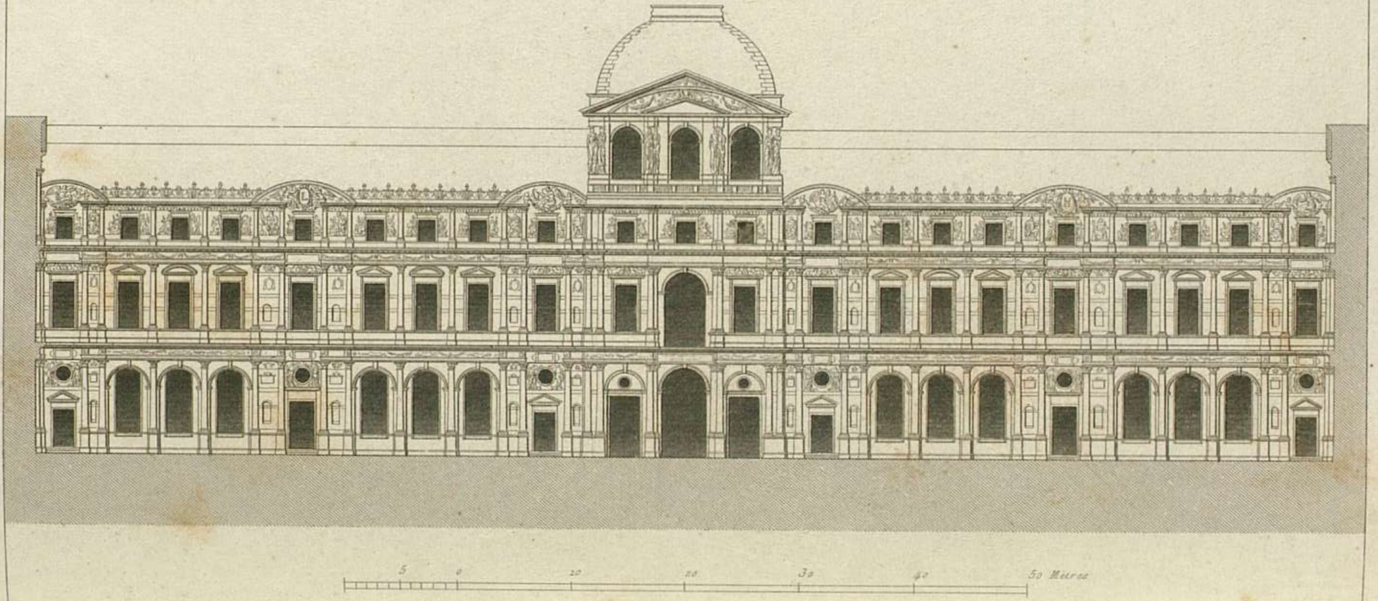
Plan du Louvre.

Plano del Luvre.

ARQUITECTURA:
ARCHITECTURE.

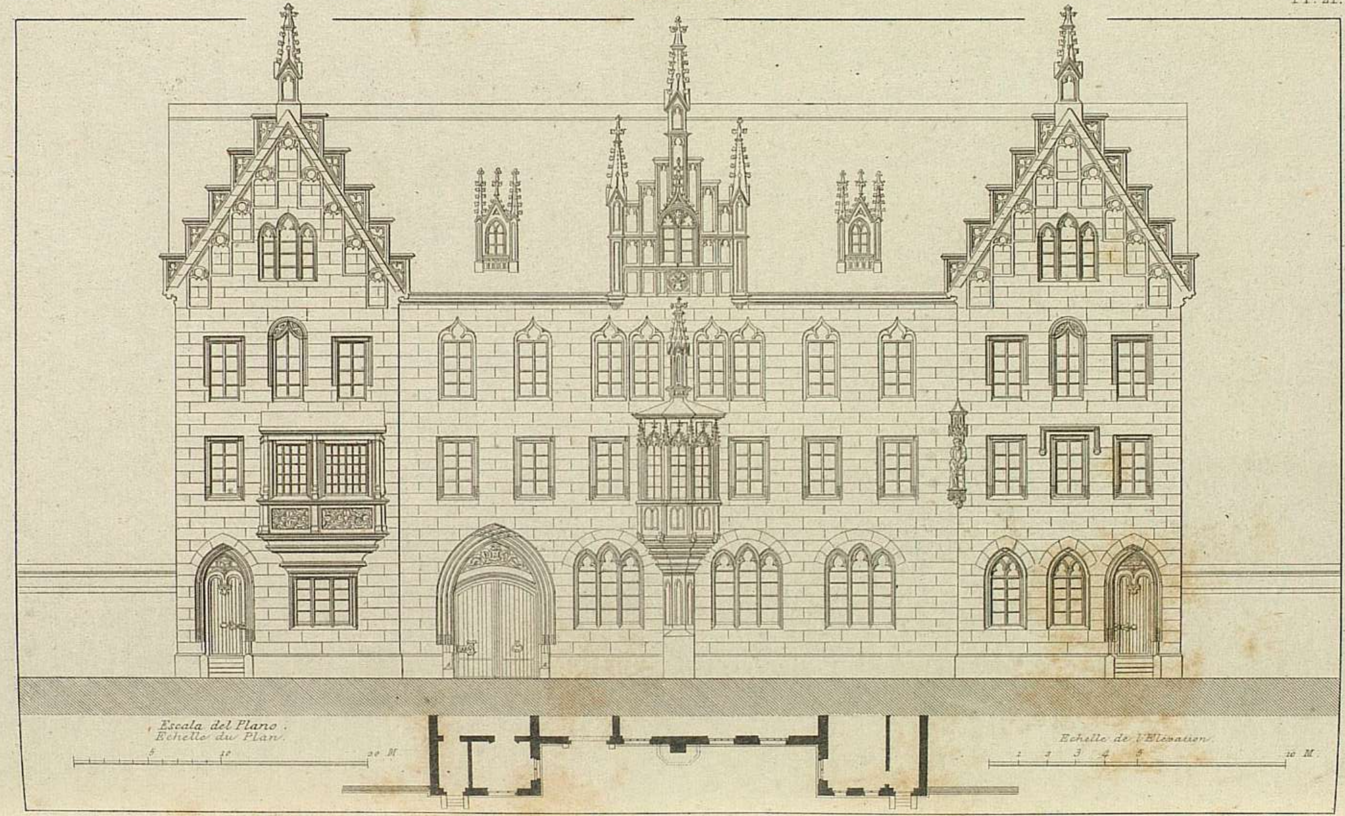
Pl. 20 bis

Elevacion de la Fachada principal del Patio.
Élévation de la Façade occidentale de la Cour.


5
0
10
20
30
40
50 Mètres

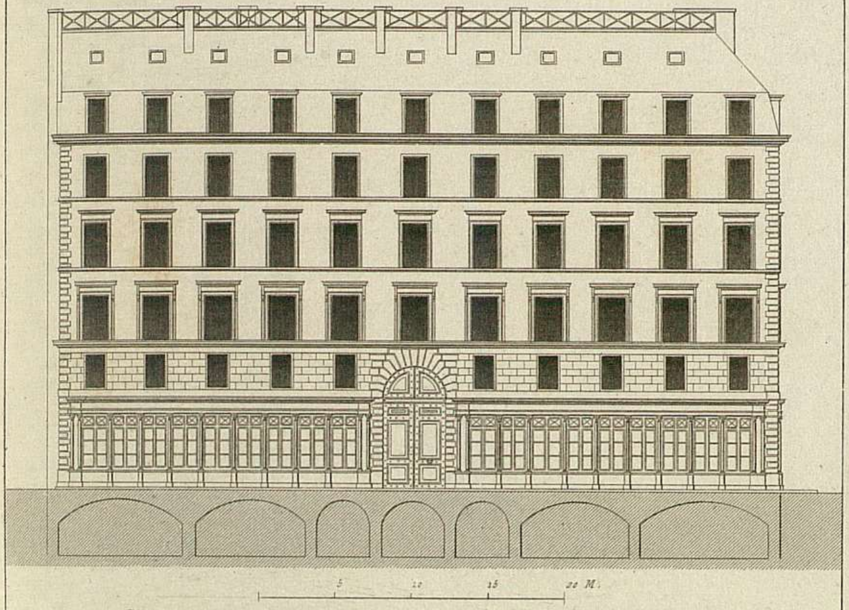
H. Roux ainé

Palais du Louvre.
Palacio de Luvre.

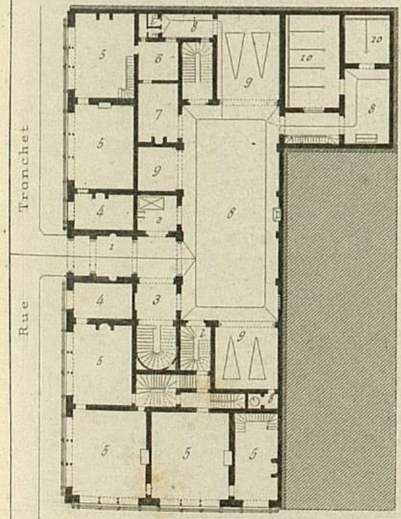

Escala del Plano.
Echelle du Plan.
5
10
20 M
Echelle de l'Elevation.
1
2
3
4
5
10 M.
H. Roux ainé.

Maison Gothique, à Nuremberg. Casa Gotica de Nuremberg.

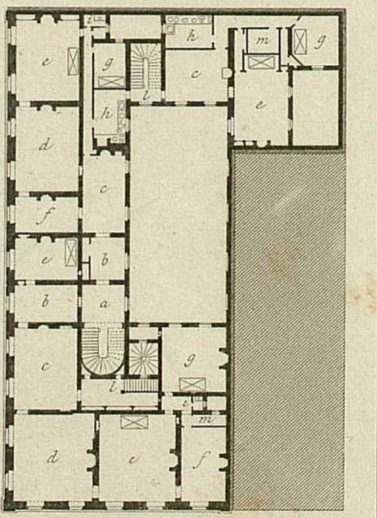
Elevacion sobre la Calle Tronchet.
Élévation sur la Rue Tronchet.



Plan du Rez-de-Chaussée.


Rue Tronchet
1
2
3
4
5
6
7
8
9
10

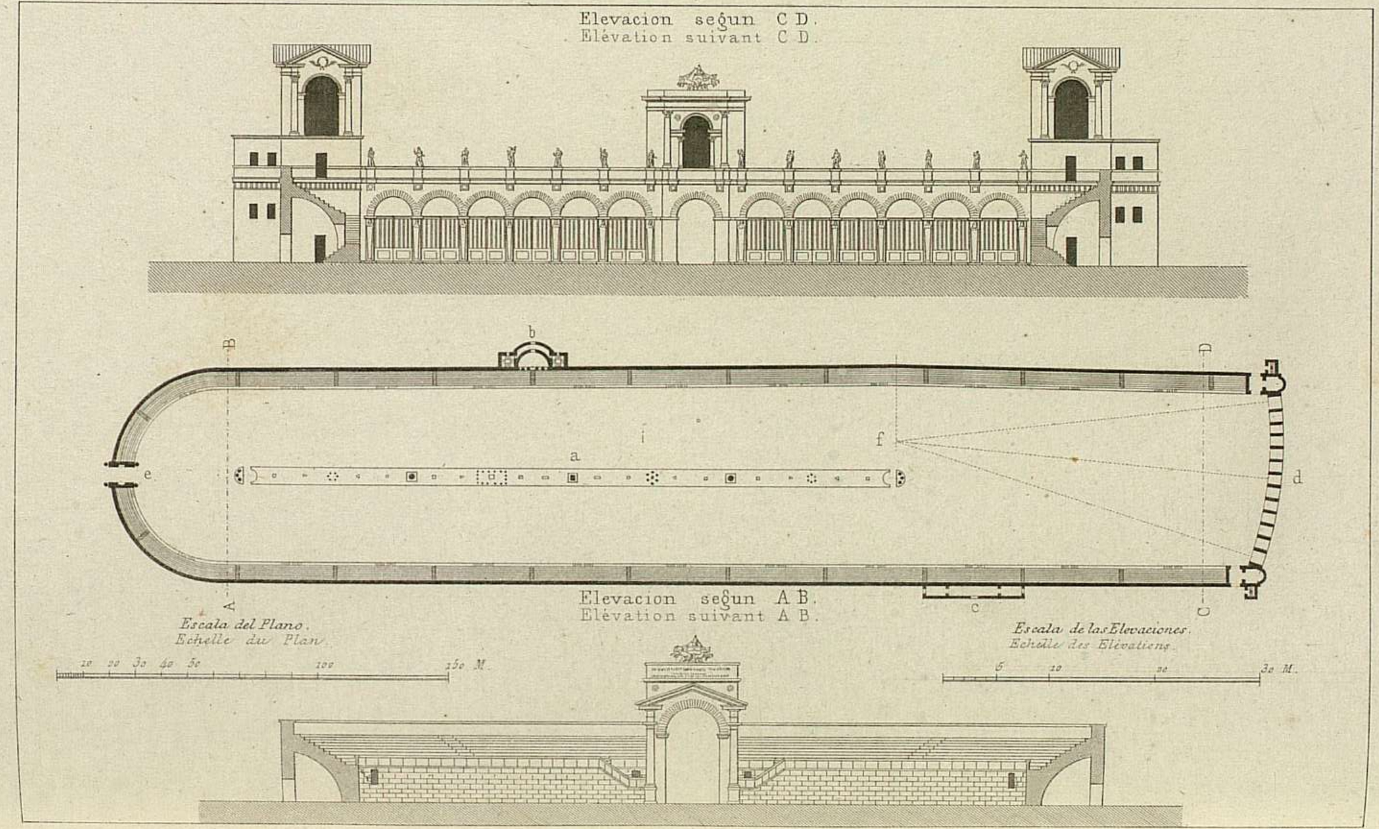
Plan du 1er Etage.


a
b
c
d
e
f
g
h
i
l
m
5
10
15
20
25
30 M.

PLAZA DE LA MAGDELENA.
PLACE DE LA MADELEINE.

H. Roux aîné.

Maison de Location, à Paris.
Casa de Locacion en Paris.



Elevacion segun C D.
Élévation suivant C D.

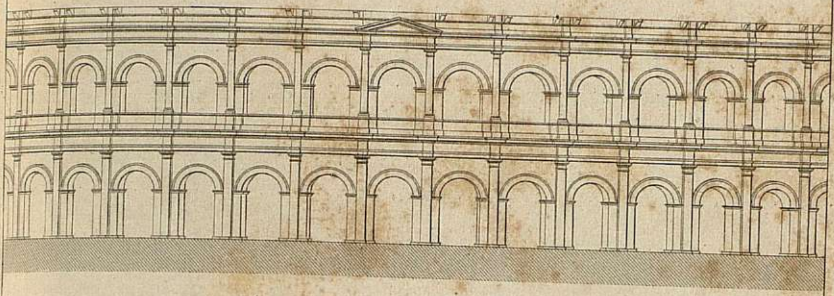
Elevacion segun A B.
Élévation suivant A B.

a
b
c
d
e
f
A
B
C
D
Escala del Plano.
Echelle du Plan.
10 20 30 40 50 100 150 M.
Escala de las Elevaciones.
Echelle des Elévations.
5 10 20 30 M.

Cirque de Caracalla, à Rome. Circo de Caracalla en Roma.

H. Roux ainé.

Elévation extérieure.



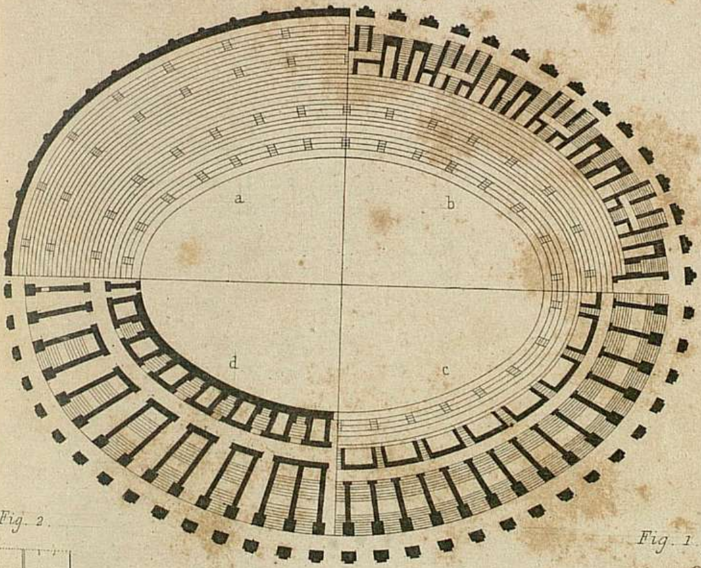
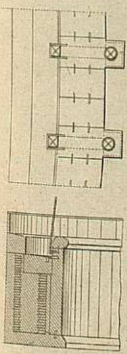


Fig. 2.



Coupe sur les Gradins

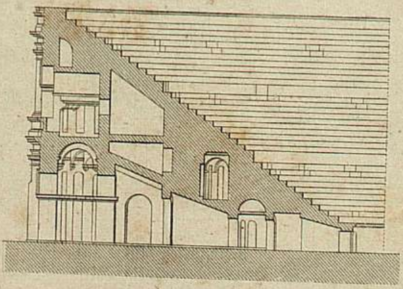
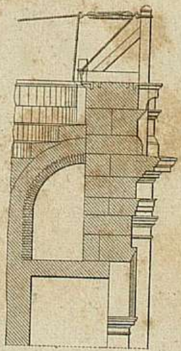


Fig. 1.

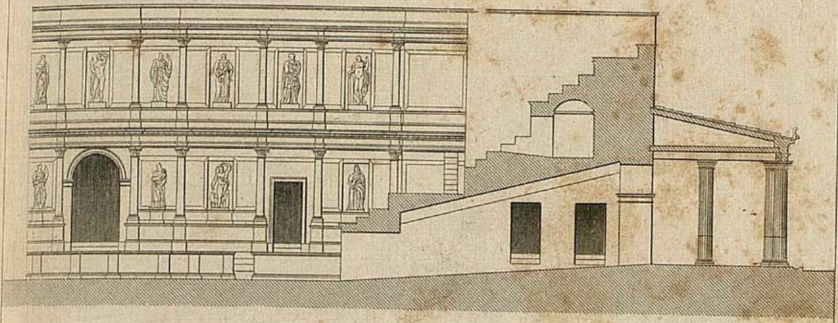


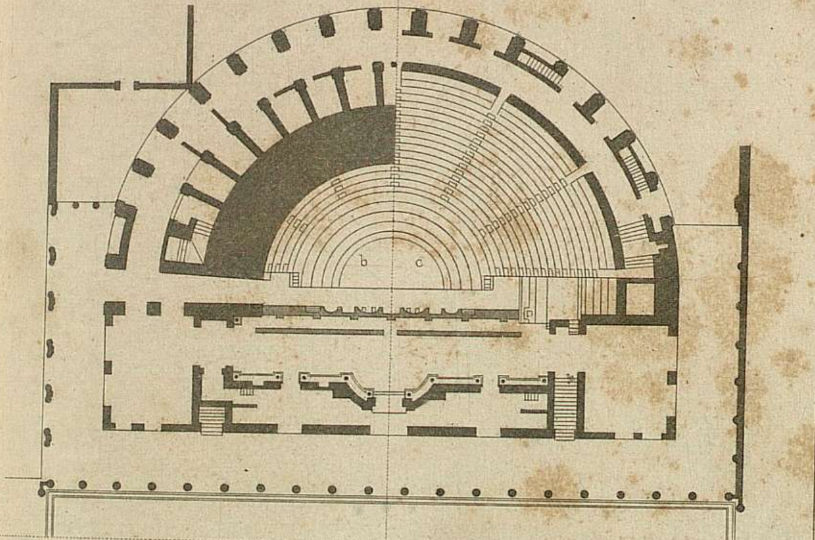
H. Roux ainé.

Amphithéâtre de Nimes.

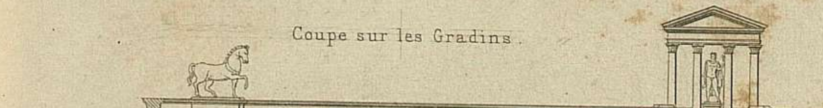
Anfiteatro de Nimes

Coupe sur la Scène



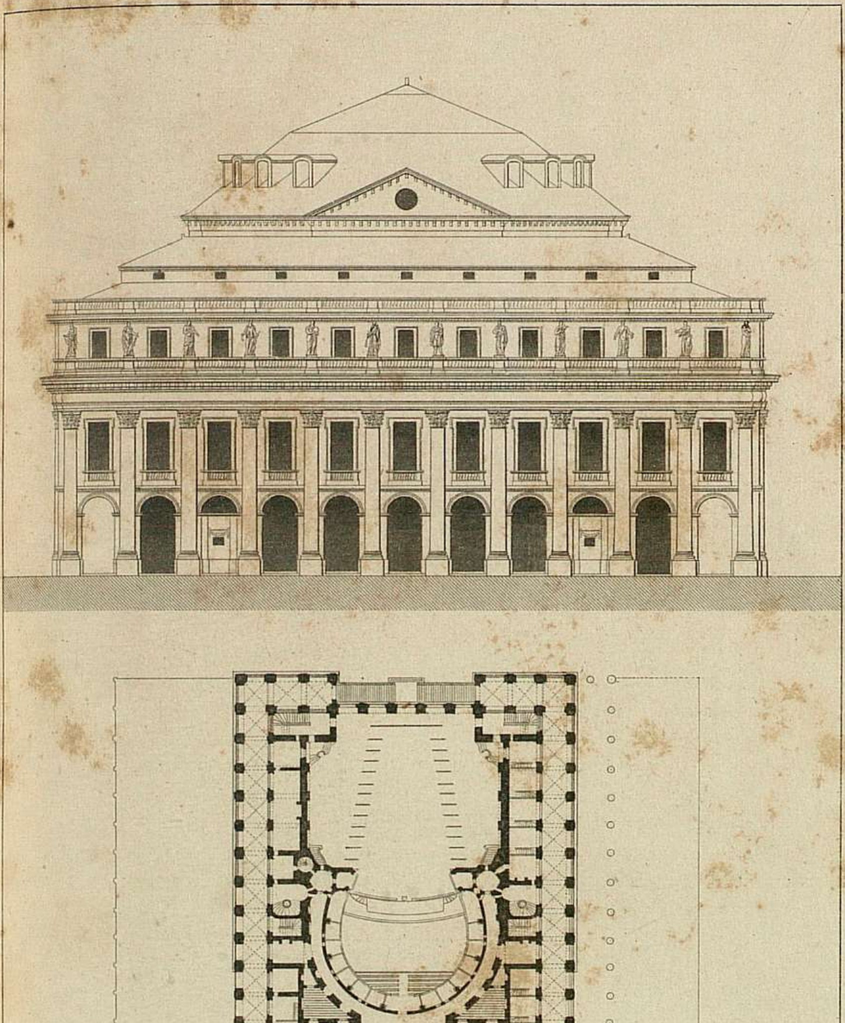


Coupe sur les Gradins.



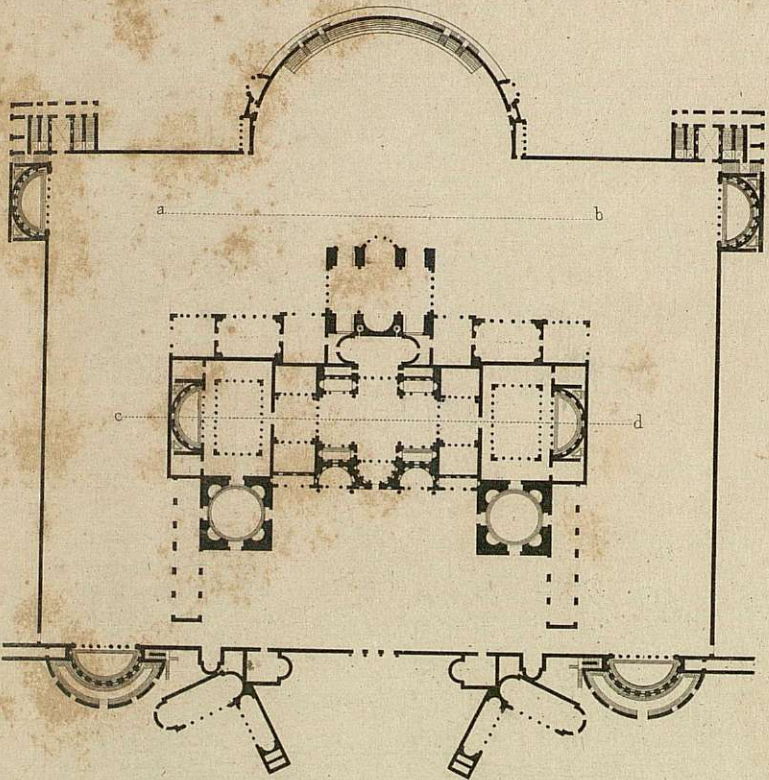
H. Roux aîné.

Théâtre d'Herculanum
Teatro de Herculano

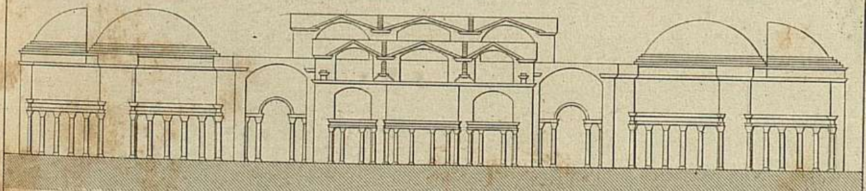


H. Roux ainé.

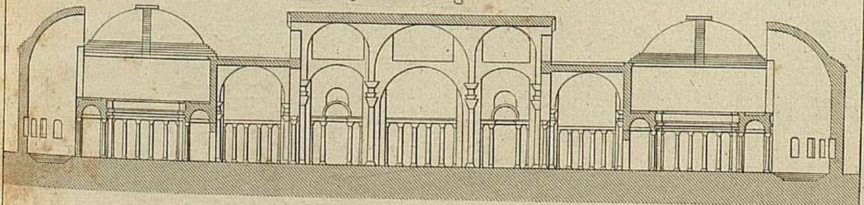
Théâtre de Bordeaux.
Teatro de Burdeos



Elévation suivant a b.



Coupe sur la Ligne c d.

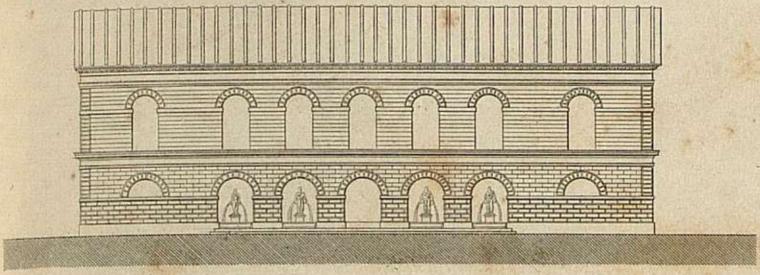


H. Roux ainé.

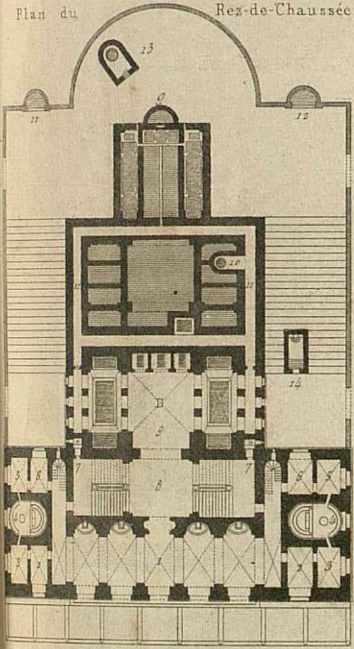
Les Thermes de Titus.

Las Termas de Tito

Elévation principale.



Plan du Rez-de-Chaussée.


13
9
12
12
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11
11
14
B
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1
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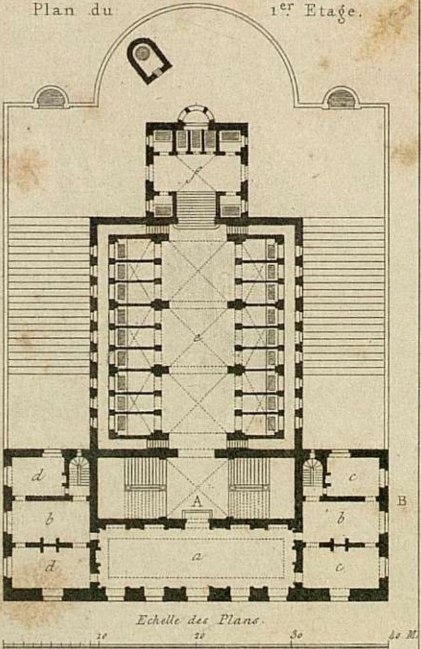
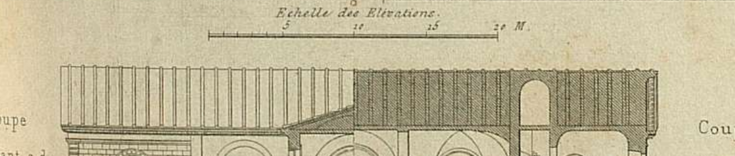
Plan du 1er Etage.


f
e
d
c
A
b
b
a
d
c
B
Echelle des Plans.
10
20
30
40 M.

Coupe suivant c.d.

Coupe suivant a.b.


Echelle des Elévations.
5
10
15
20 M.

H. Roux ainé.

Bains du Mont-d'Or, (Puy-de-Dôme.)
Banos del Monte de Oro.

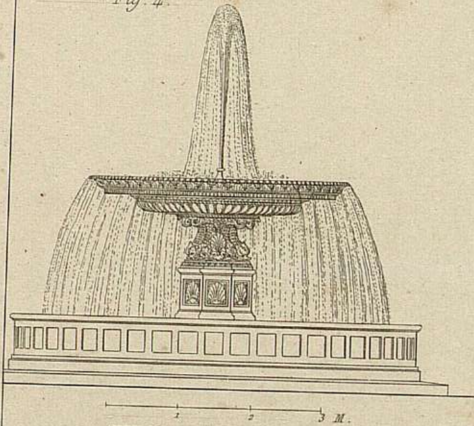


Fig. 4.

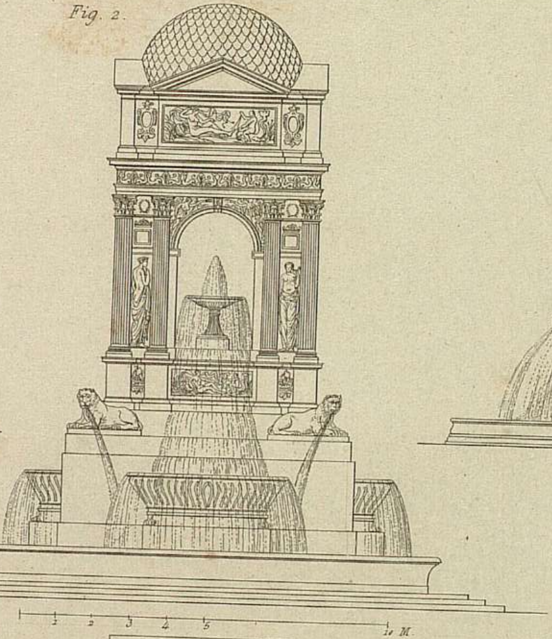


Fig. 2.

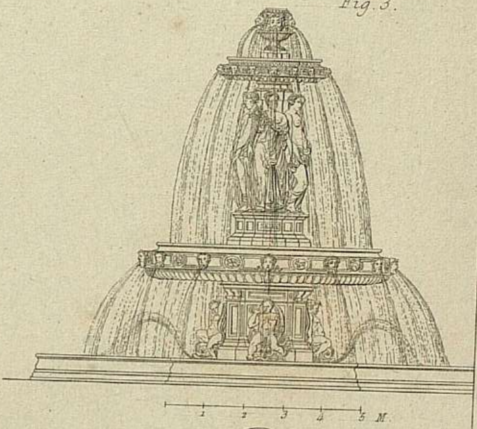
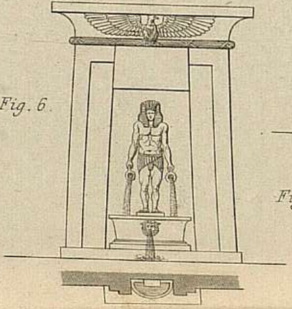


Fig. 3.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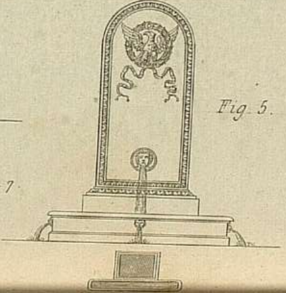


Fig. 5.

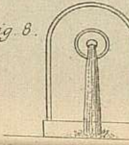


Fig. 8.

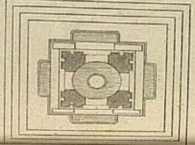


Fig. 1.

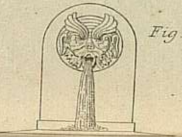
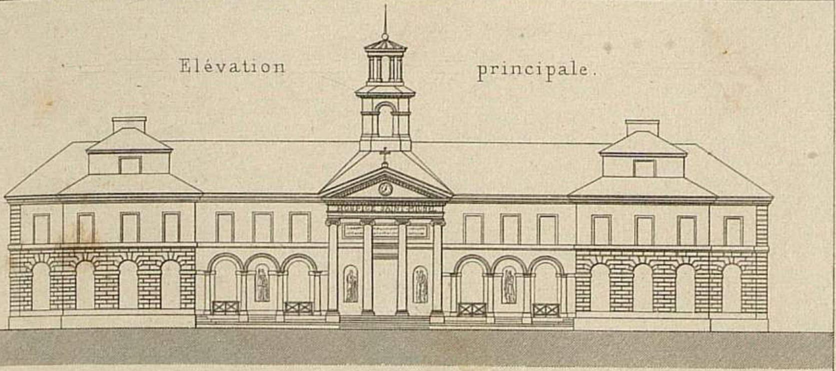
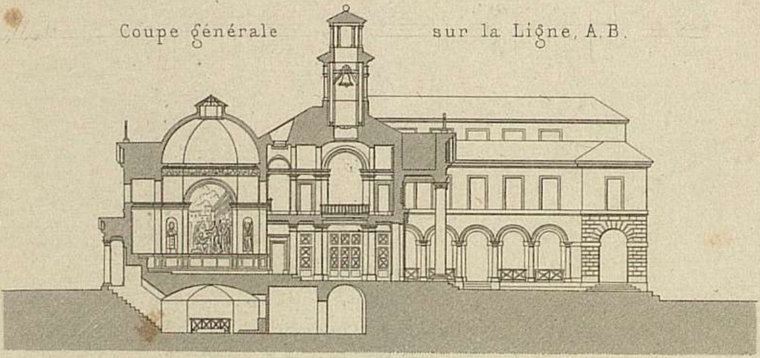


Fig. 7.

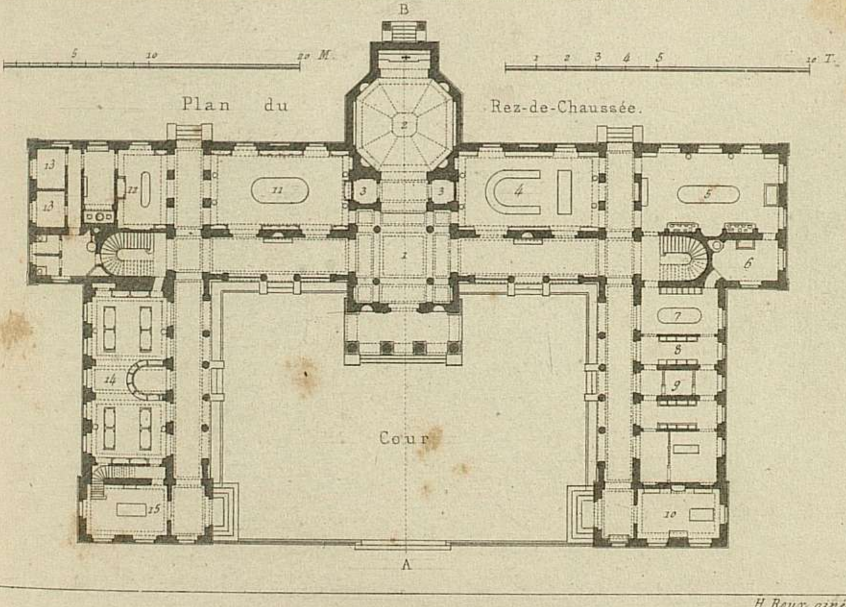
Elévation principale.



Coupe générale sur la Ligne, A.B.



Plan du Rez-de-Chaussée.


B
5
10
20 M.
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5
10 T.
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9
10
11
12
13
13
14
15
Cour
A

H. Roux ainé.

Hospice S^t. Michel, à S^t. Mandé.
Hospicio de S. Miguel en S. Mandé

ARQUITECTURA.
ARCHITECTURE.

Fig. 2.

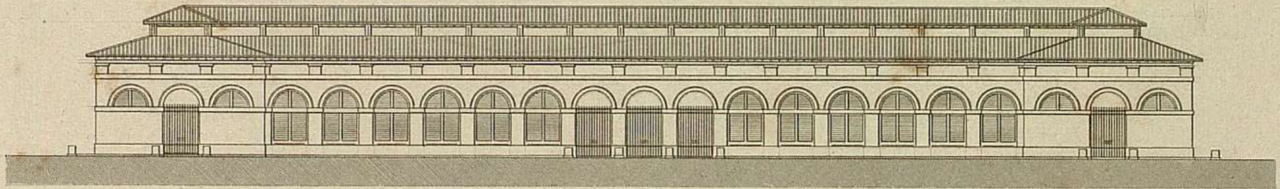
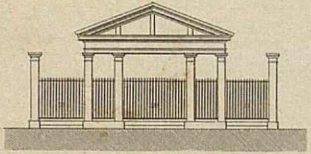


Fig. 6.



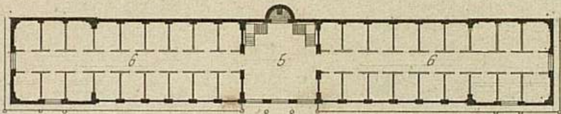


Fig. 4.

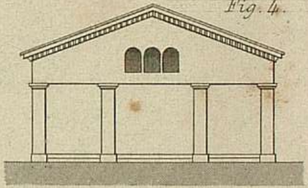


Fig. 5.

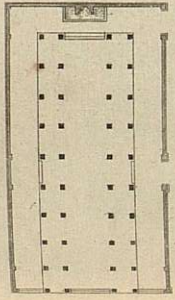
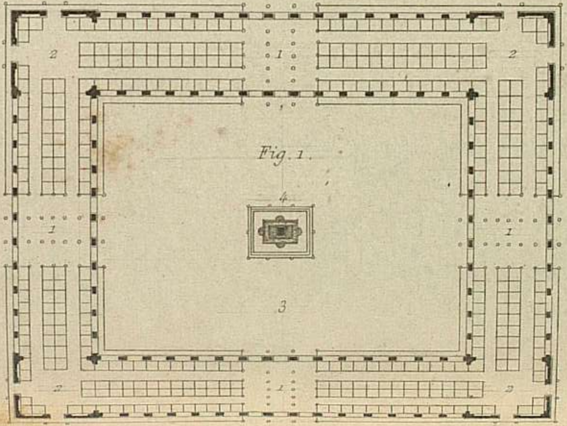


Fig. 1.


2
1
2
4
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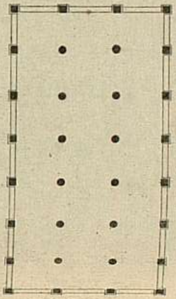
1
3
2
1
2

Fig. 3.



H. Roux ainé.

Marché St. Germain.

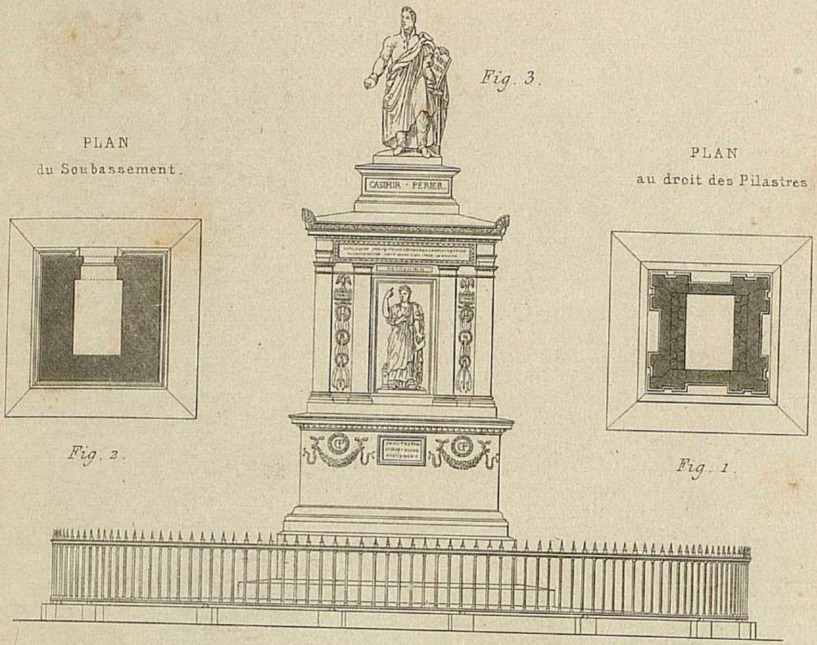
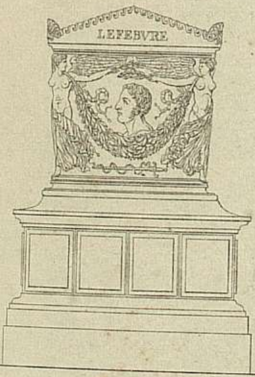

PLAN
du Soubassement.
Fig. 2.
Fig. 3.
CASIMIR · PERIER.
PLAN
au droit des Pilastres
Fig. 1.

Fig. 5.



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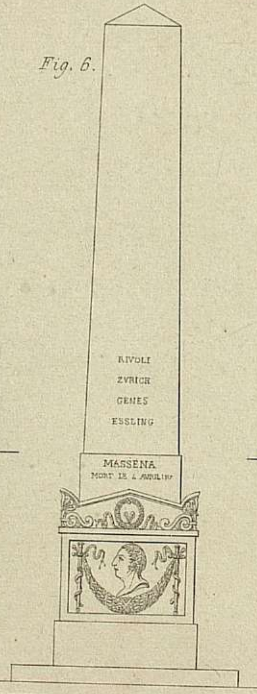

RIVOLI
ZVRICH
GENES
ESSLING
MASSENA
MORT LE 4 AVRIL 1817

Fig. 8.

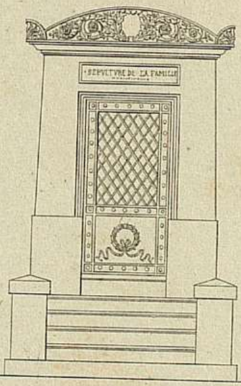

SEPVLTVRE DE LA FAMILLE

Fig. 4.

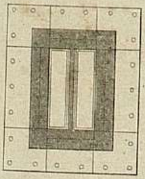
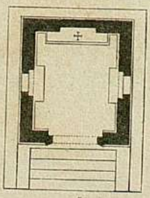


Fig. 7.



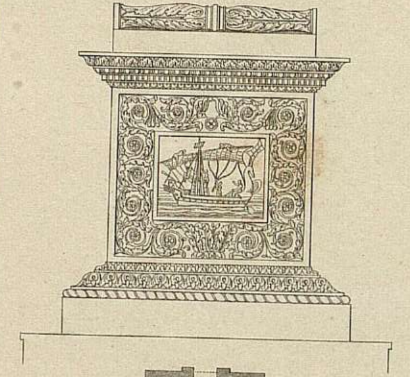
H. Roux ainé.

Tombeaux modernes.
Sepulcros modernos

ARQUITECTURA.
ARCHITECTURE.

Pl.30.

Fig. 6.



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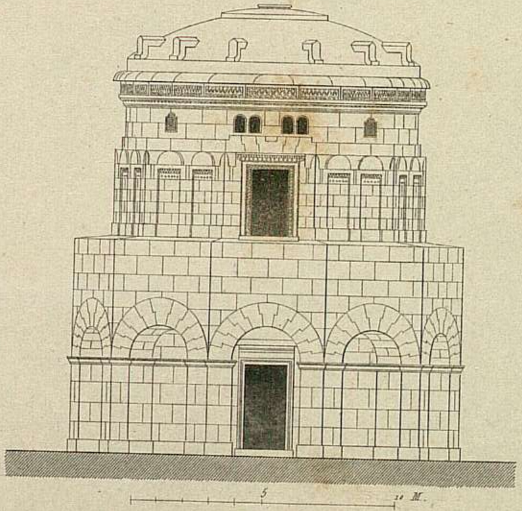

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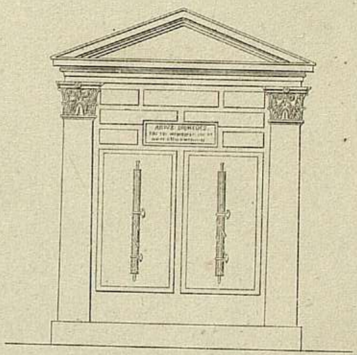

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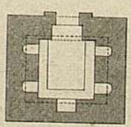


Fig. 3.

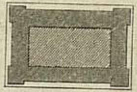


Fig. 8.

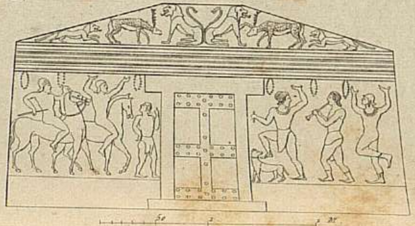


Fig. 1.

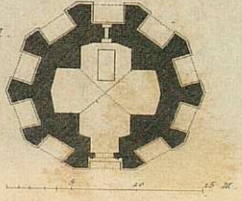


Fig. 7.

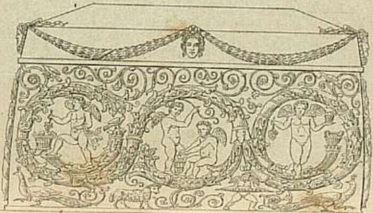


Fig. 2.

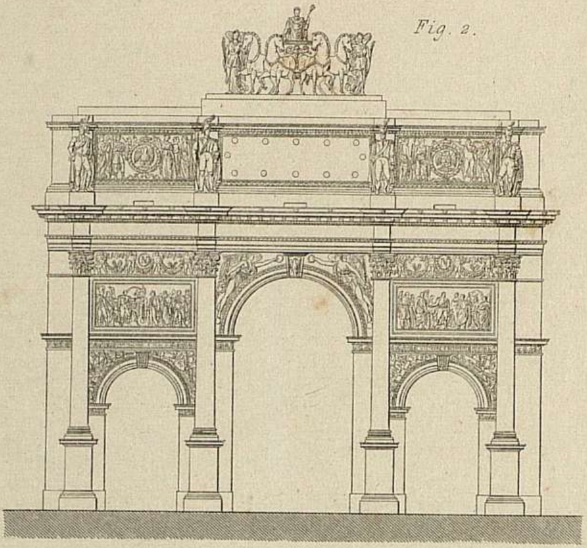


Fig. 6.

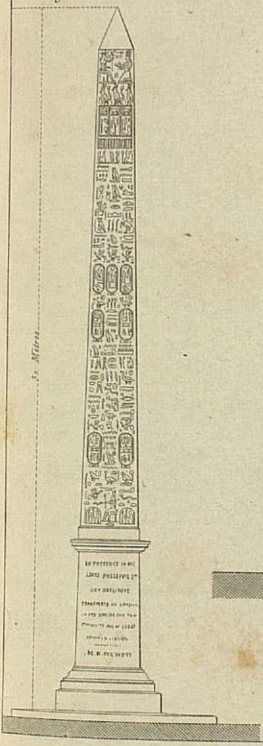

23 Mètres
EN PRESENCE DU ROI
LOUIS PHILIPPE Ier
CET OBELISQUE
TRANSPORTE DE LOUQSOR

Fig. 1.

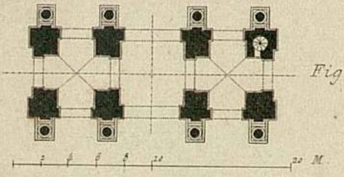


Fig. 4.

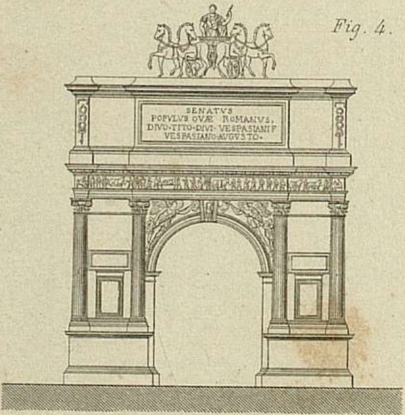

SENATVS
POPVLVS QVÆ ROMANVS.
DIVO·TITO·DIVI·VESPASIANI·F
VESPASIANO·AVGVSTO·

Fig. 3.

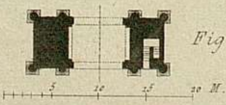
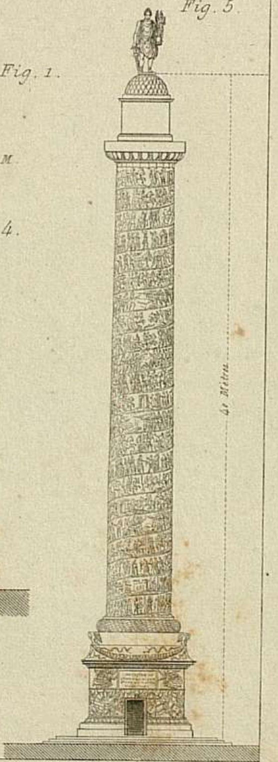


Fig. 5.



H. Roux ainé.

Monuments triomphaux.
Monumentos triunfales.

ARQUITECTURA.
ARCHITECTURE.

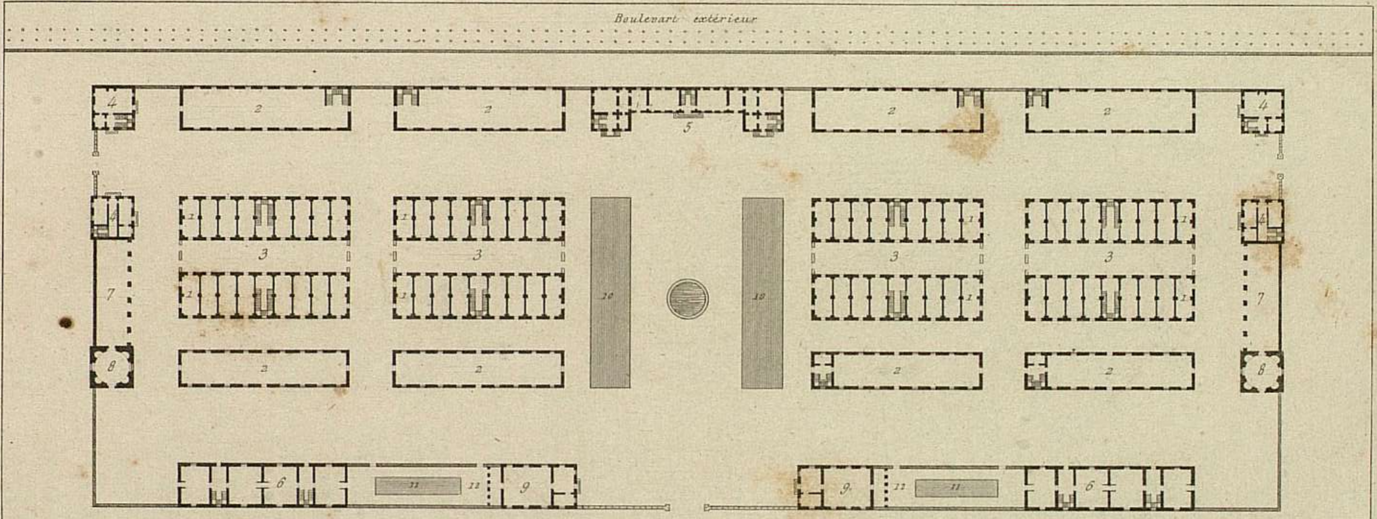

Boulevart extérieur
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Fig. 2.

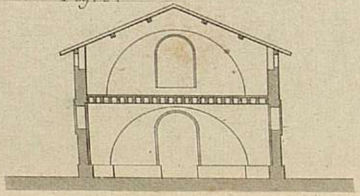


Fig. 3.

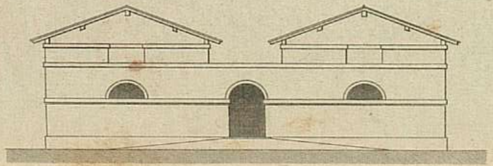
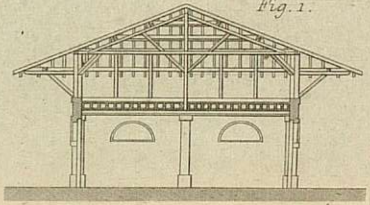


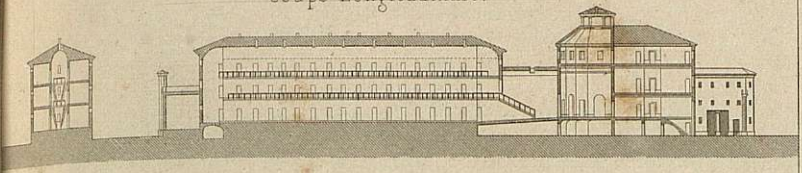
Fig. 1.

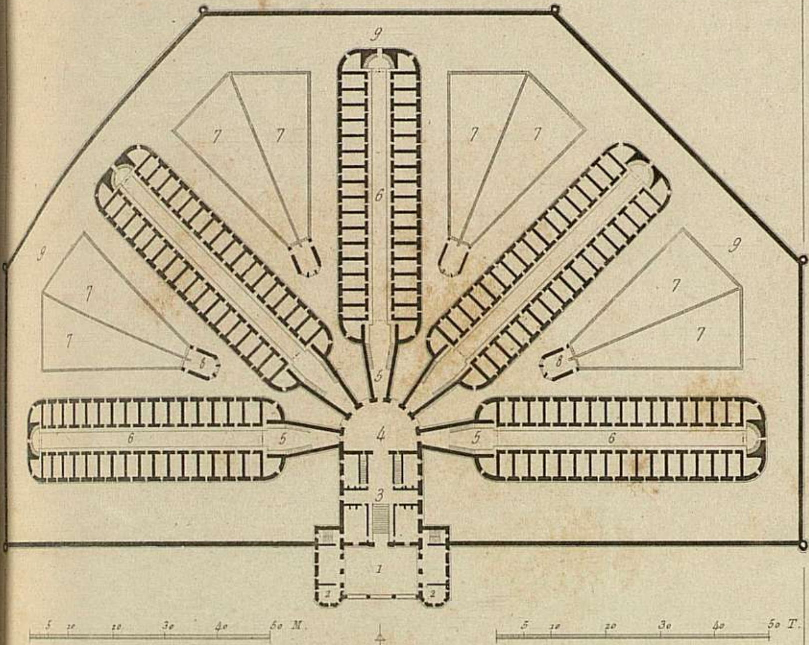

2 4 6 8 10 20 30 M
10 20 30 40 50 100 150 M.

H. Roux ainé

Abattoir Montmartre.
Matadero Montmartre.

Coupe Longitudinale.

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5 10 20 30 40 50 M.
5 10 20 30 40 50 T.

Élévation Générale.

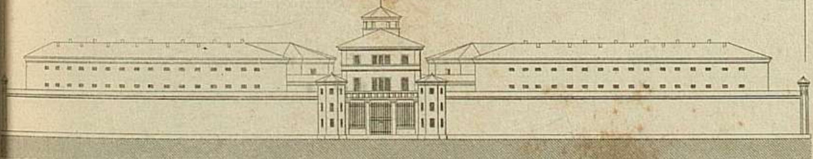


Fig. 3.

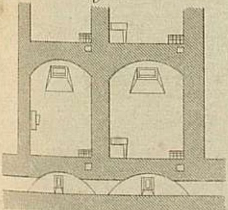


Fig. 1.

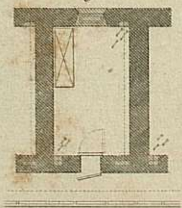
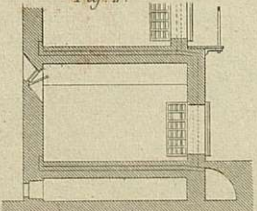

1 2 3 4 5 6 7 8 9 10 M.

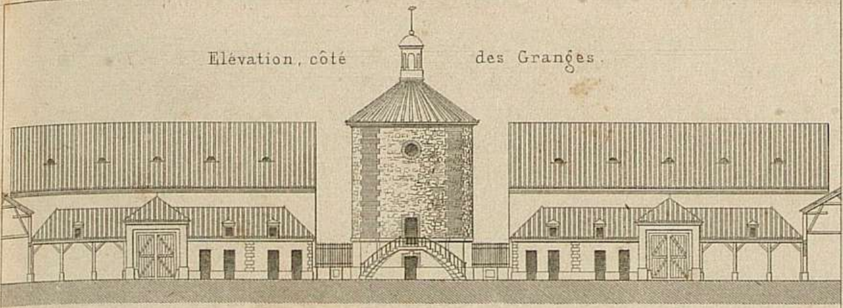
Fig. 2.

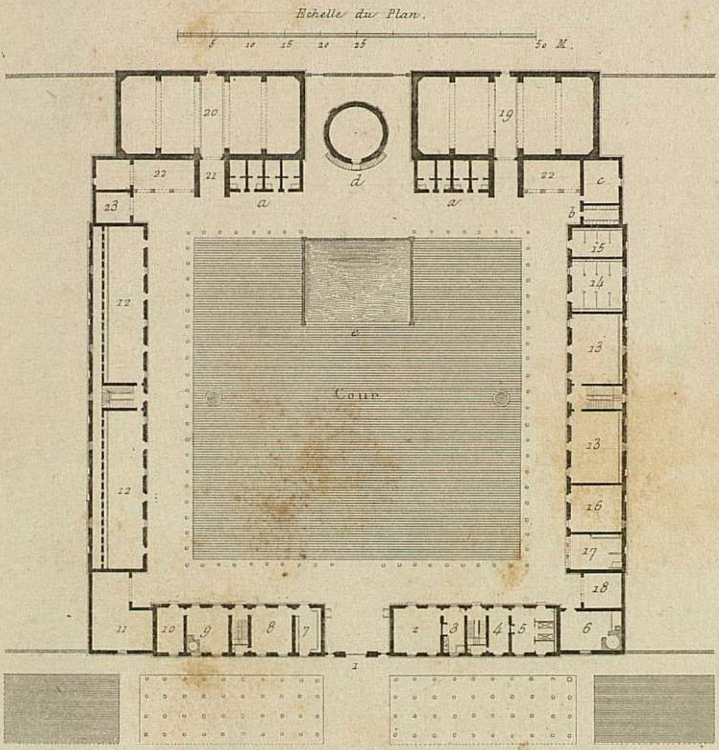


H. Roux ainé.

Pénitencier.
Penitenciario.

Elévation, côté des Granges.




Echelle du Plan.
5
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50 M.
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c
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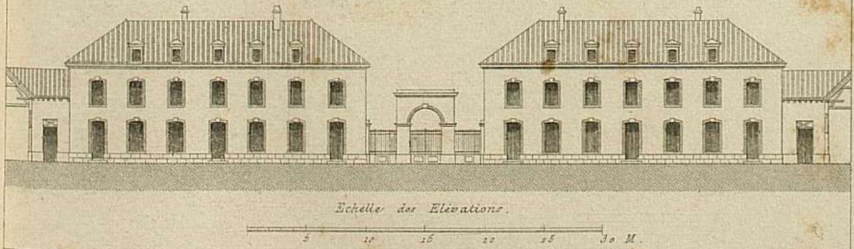
Elévation, côté de l'Entrée.


Echelle des Elévations.
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30 M.

H. Roux aîné.

Ferme, modèle de Rambouillet.
Flacienda, modelo de Rambouillet.

Fig. 2.

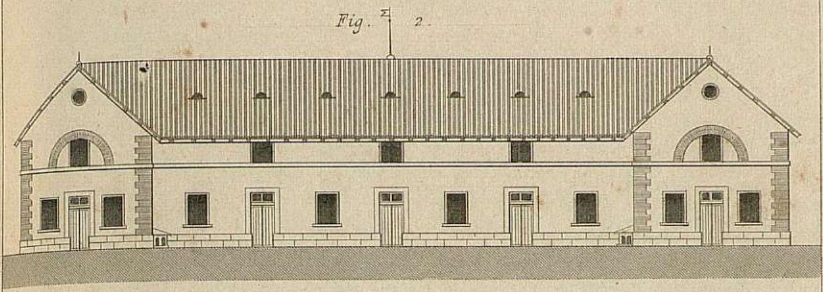


Fig. 4.

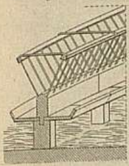


Fig. 1.

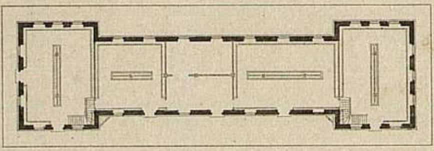


Fig. 3.

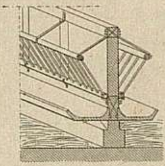


Fig. 8.

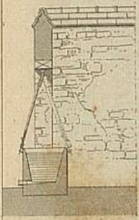


Fig. 5.

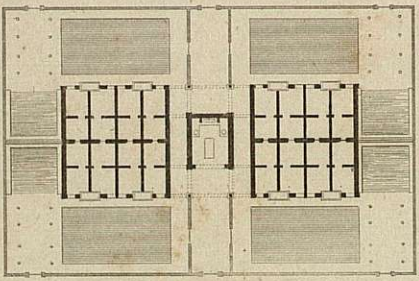


Fig. 7.

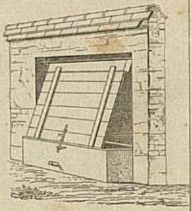
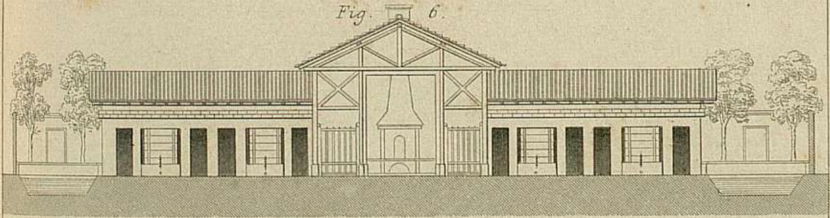


Fig. 6.



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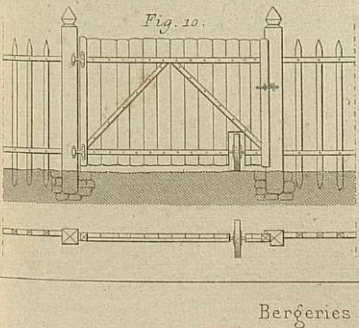
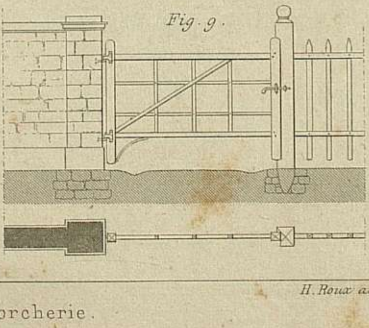


Fig. 9.



H. Roux ainé.

Bergeries et Porcherie.

Rediles y Porqueras.

ARQUITECTURA.
ARCHITECTURE.

Pl. 39.

Fig. 2.

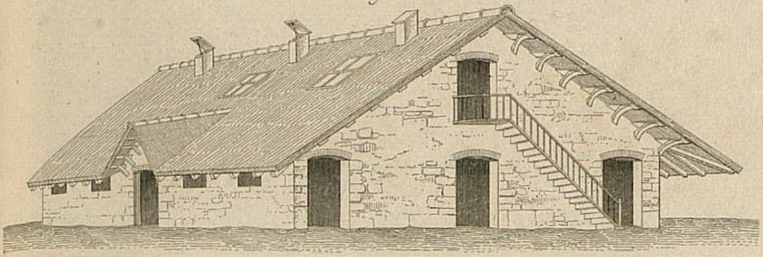
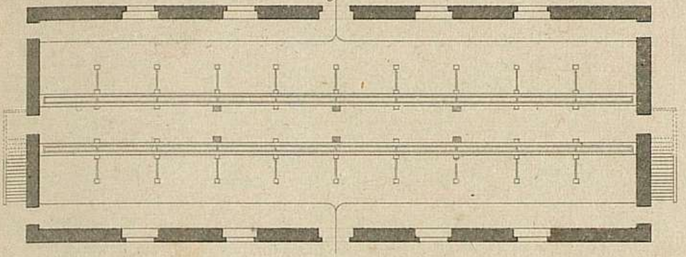


Fig. 1.



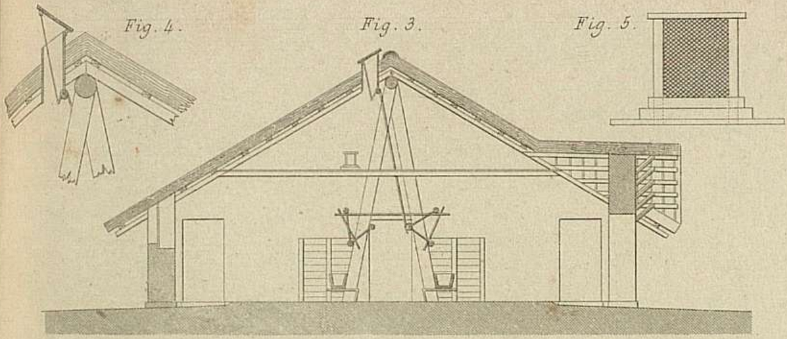
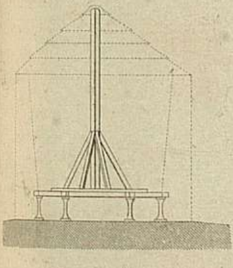


Fig. 4.

Fig. 3.

Fig. 5.



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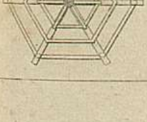


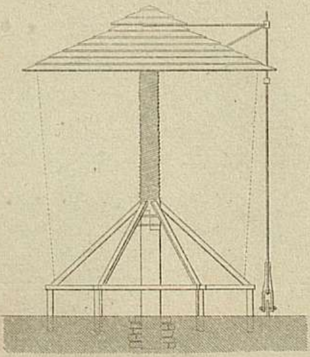


Fig. 6.

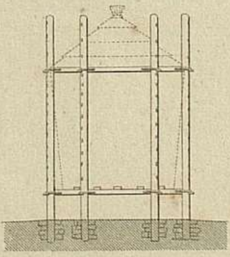
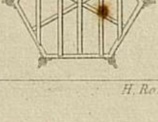


Fig. 7.



H. Roux ainé.

Etables. _ Gerbiers.
Estublos.

ARQUITECTURA.
ARCHITECTURE.

Pl. 40.

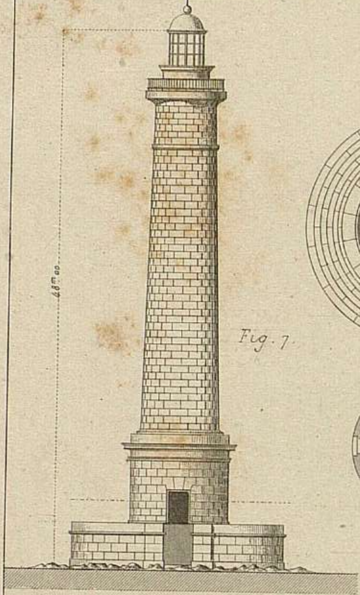


Fig. 7.

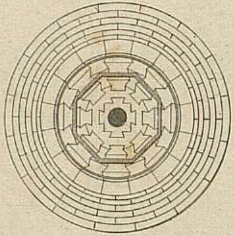


Fig. 4.

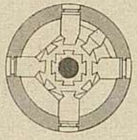


Fig. 5.

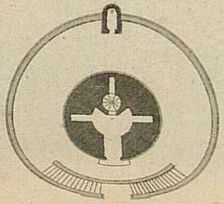
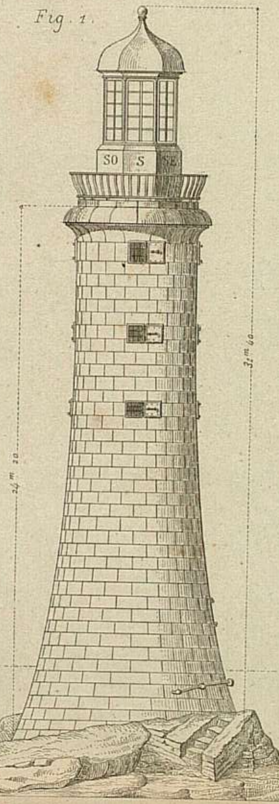


Fig. 6.


SO
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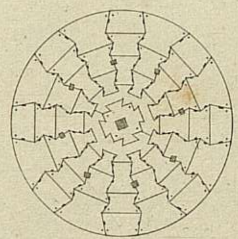
31m 40

Fig. 1.



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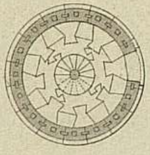
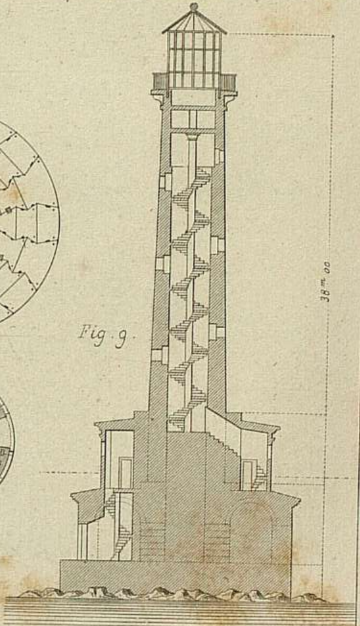


Fig. 3.



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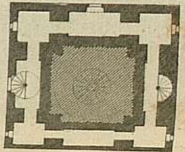


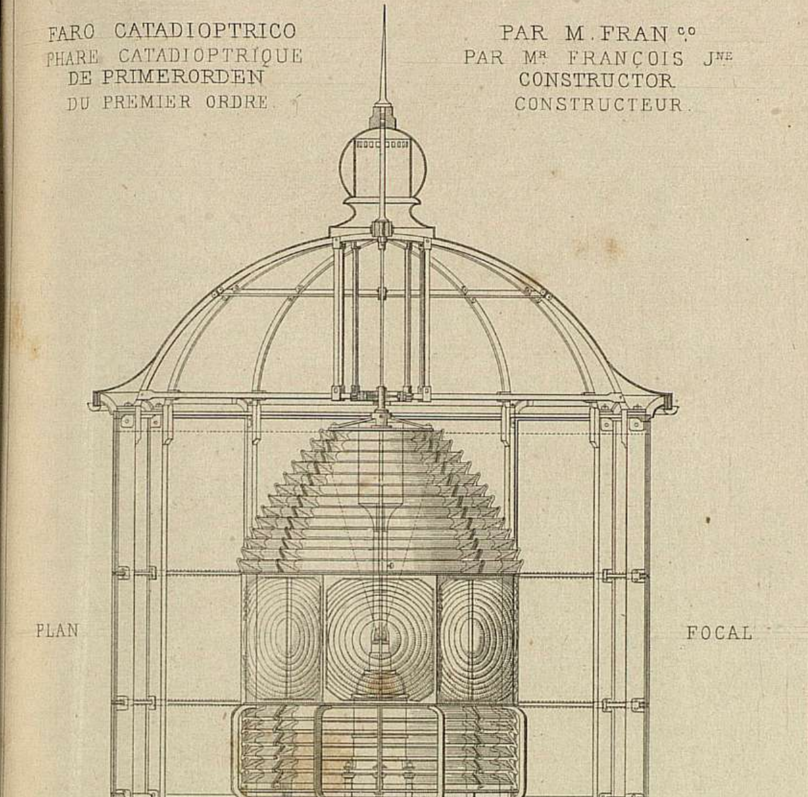
Fig. 8.

Construction des Phares.

H. Roux aîné

FARO CATADIOPTRICO
PHARE CATADIOPTRIQUE
DE PRIMERORDEN
DU PREMIER ORDRE.

PAR M. FRAN.CO
PAR Mr FRANÇOIS Jne
CONSTRUCTOR
CONSTRUCTEUR.



H. Roux ainé.

Eclairages des Phares,
Iluminacion de los Faros.

Fig. 1.

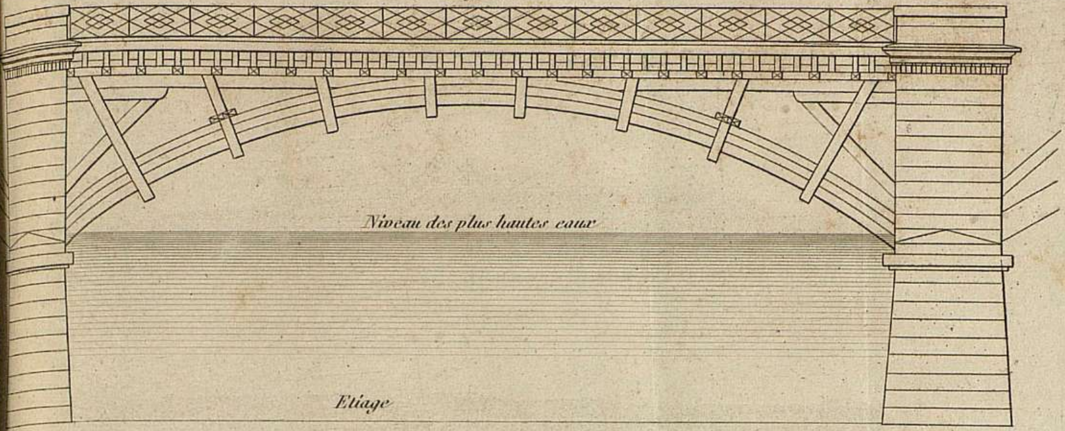

Niveau des plus hautes eaux
Etiage

Fig. 9.

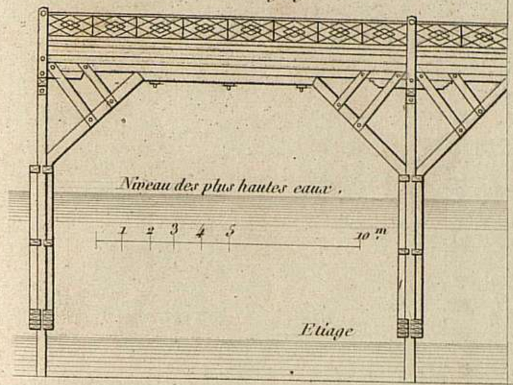
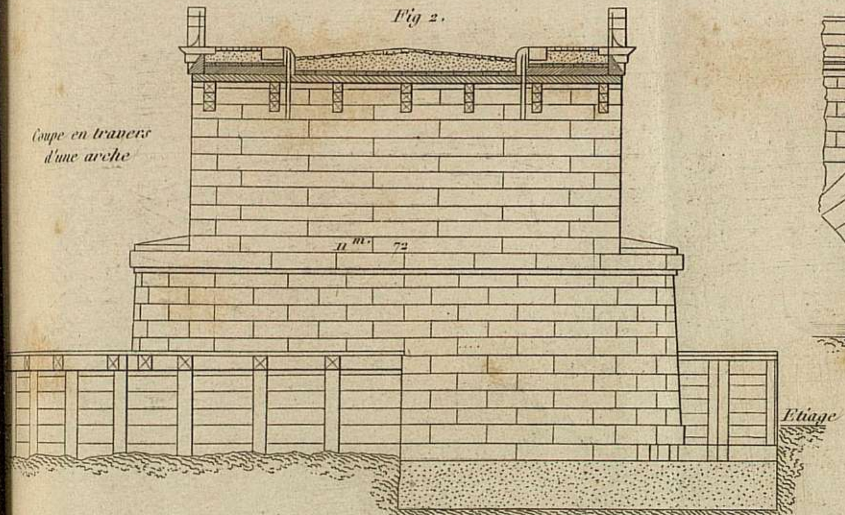

Niveau des plus hautes eaux.
1 2 3 4 5
10 m.
Etiage

Fig 2.

Coupe en travers d'une arche


11 m. 72
Etiage

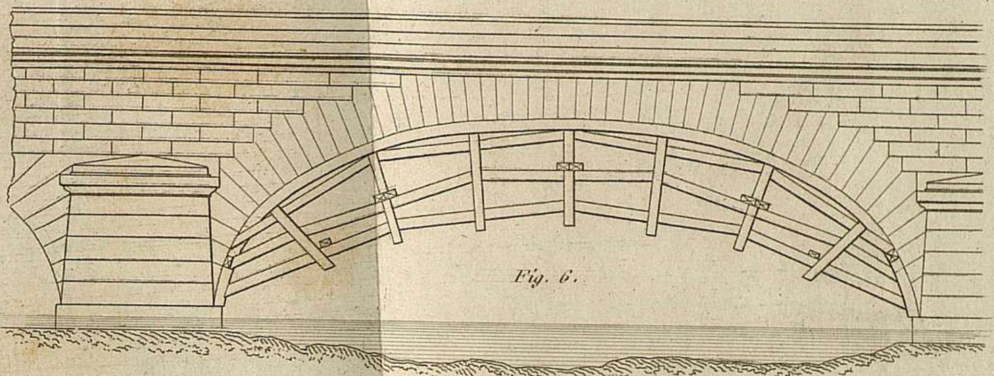


Fig. 6.

Fig. 3. Plan des fondations d'une Pile.

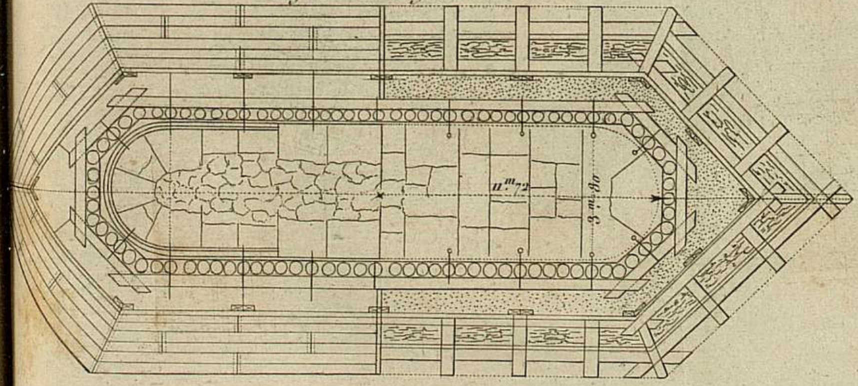


Fig. 4.

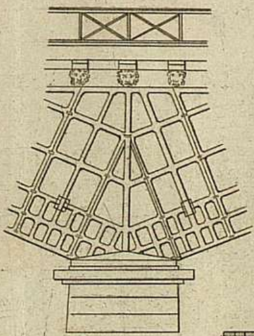
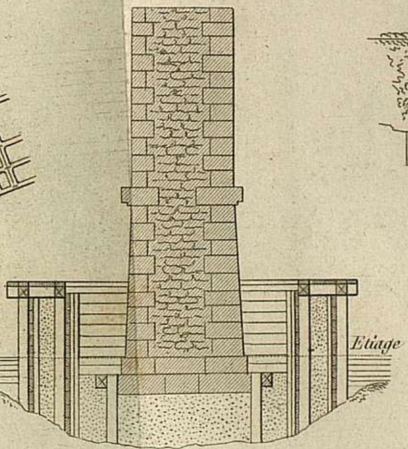


Fig. 5. Coupe d'une Pile suivant A.B.



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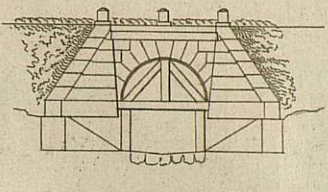

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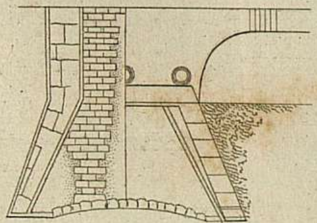


Construction des Ponts. Construccion de Puentes.

Schræder sc.

Fig. 1.

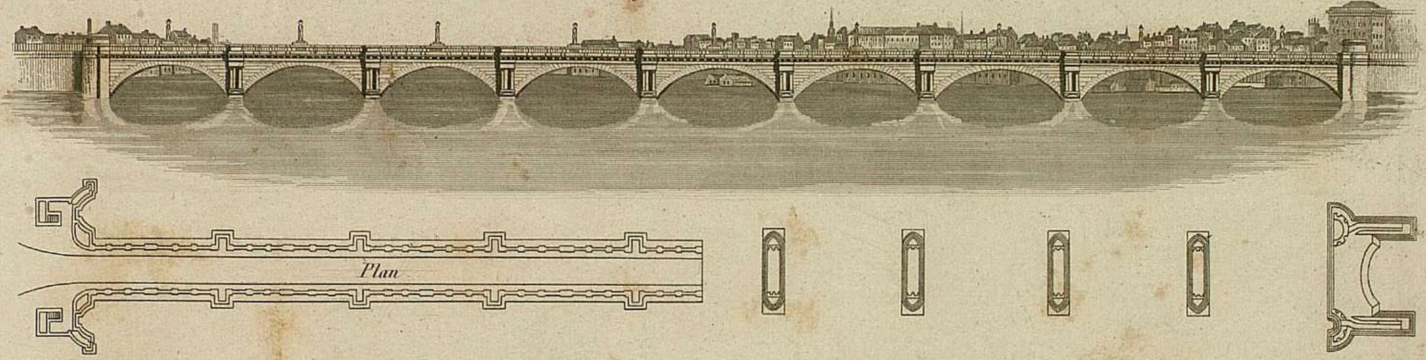
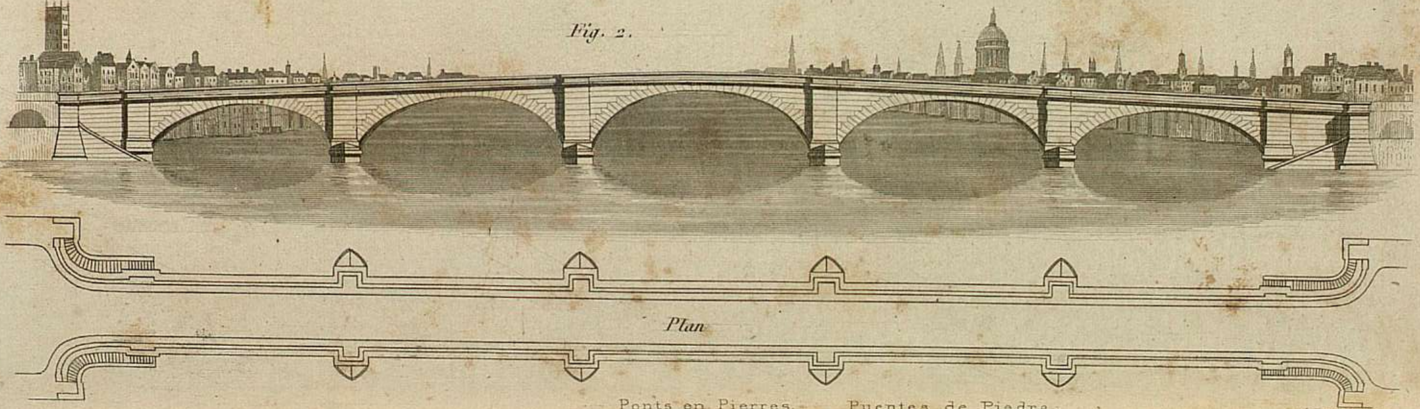


Fig. 2.



Ponts en Pierres. Puentes de Piedra.

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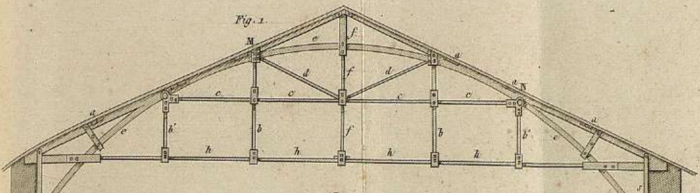
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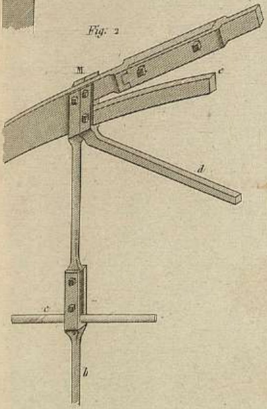
Fig. 2



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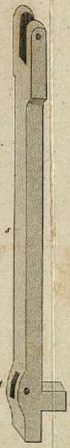

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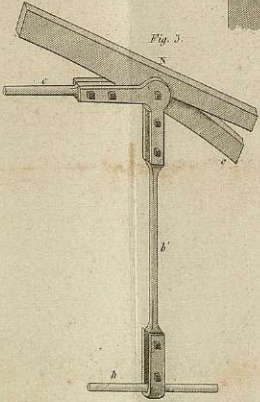

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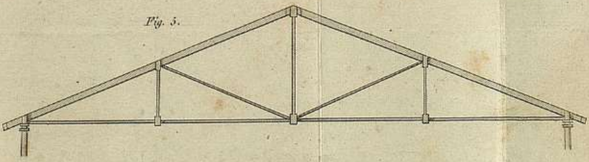

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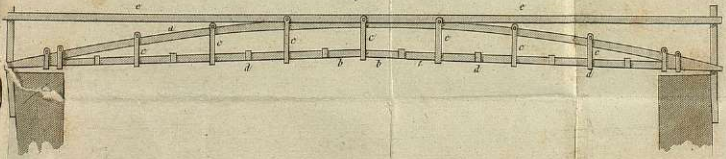
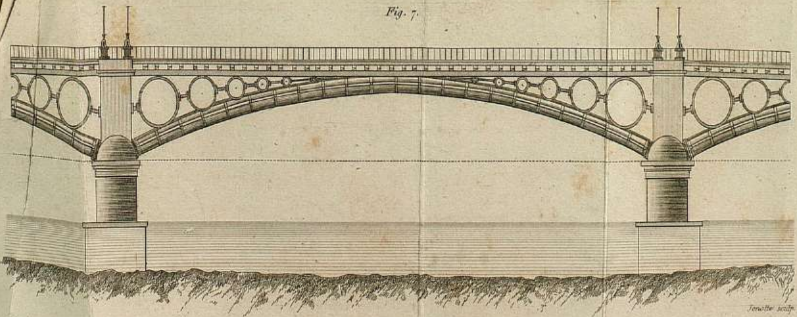


Fig. 7.



Jenotte sculp.

Charpente en Fer.

Armadura de Hierro.

Fig. 1.

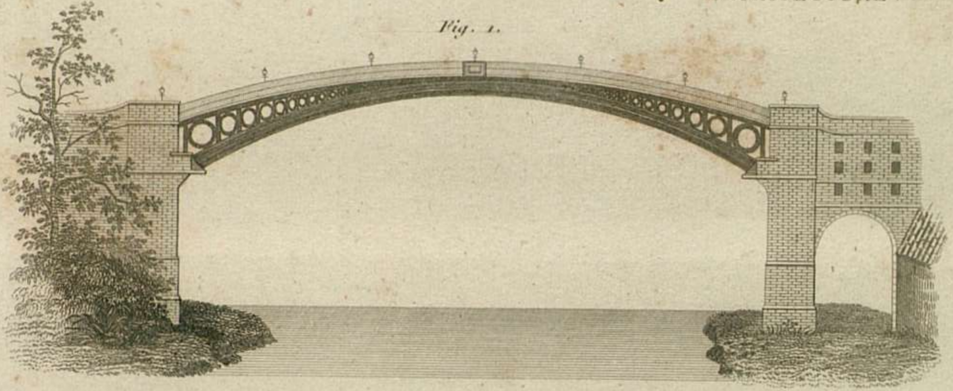


Fig. 4.

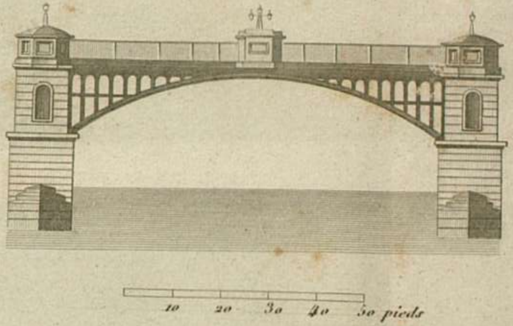

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Fig. 2.

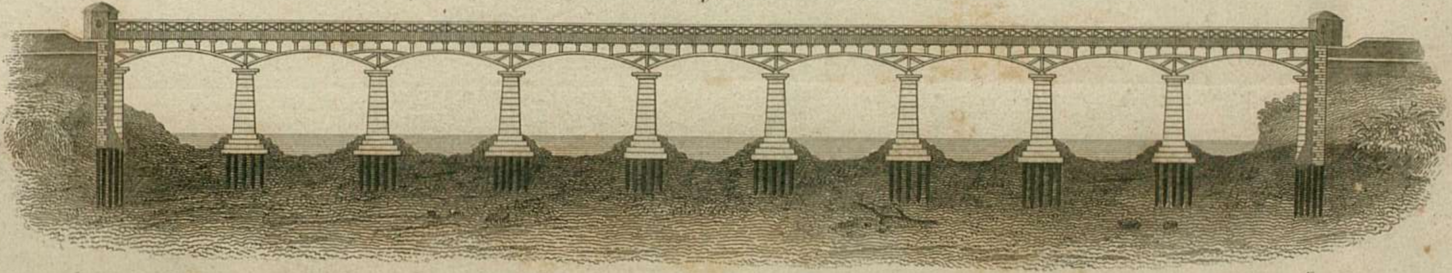
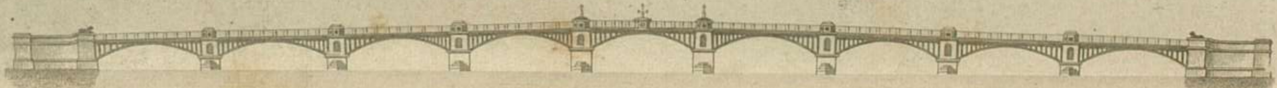


Fig. 3.



Ponts en Fer. Puentes de Hierro

Fig. 1.

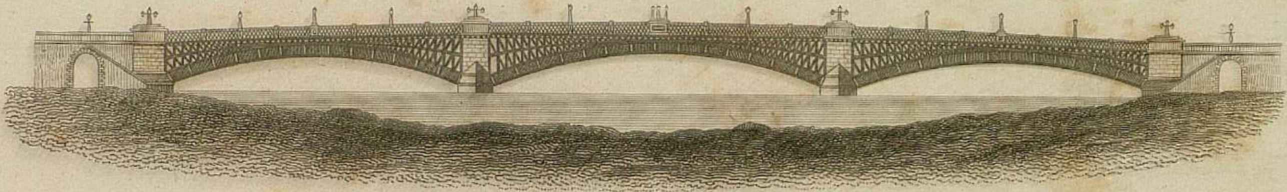


Fig. 2.

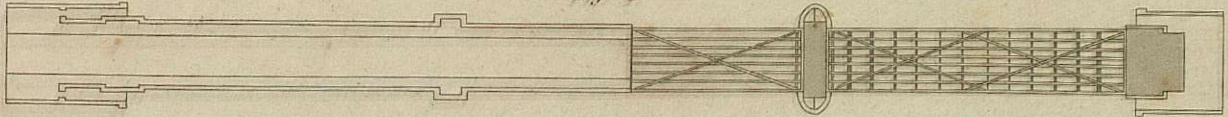
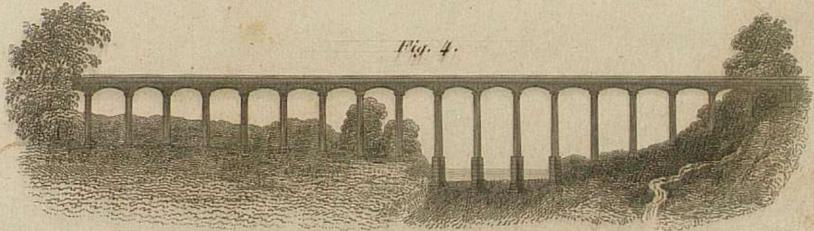


Fig. 4.



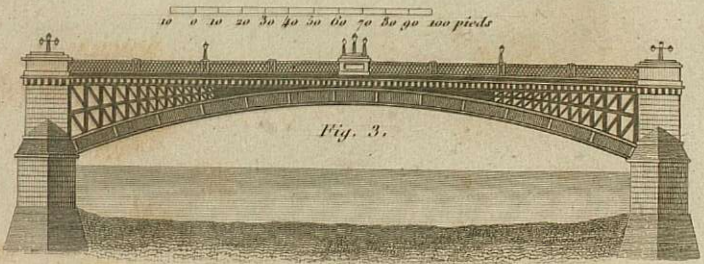
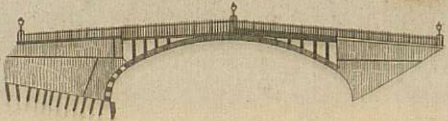

10 0 10 20 30 40 50 60 70 80 90 100 pieds

Fig. 3.

Fig. 5.

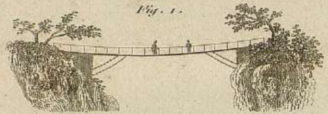


Schroeder sc.

Ponts en Fer. Puentes de Hierro

ARQUITECTURA
ARCHITECTURE.

Pl. 49, 50.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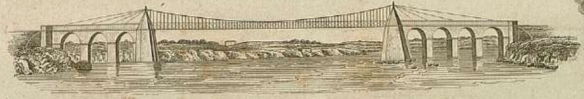
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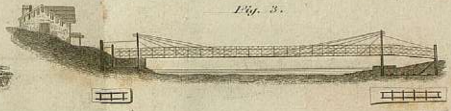
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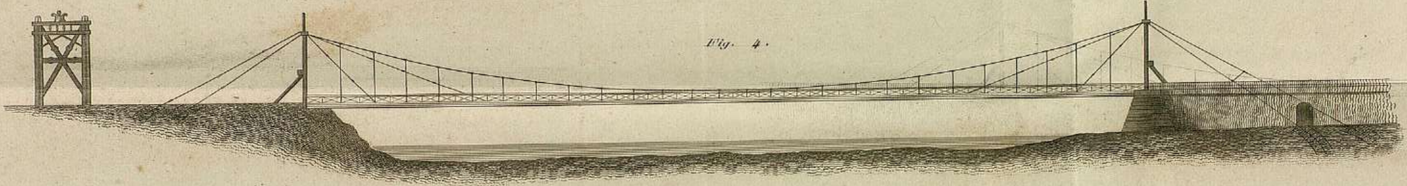
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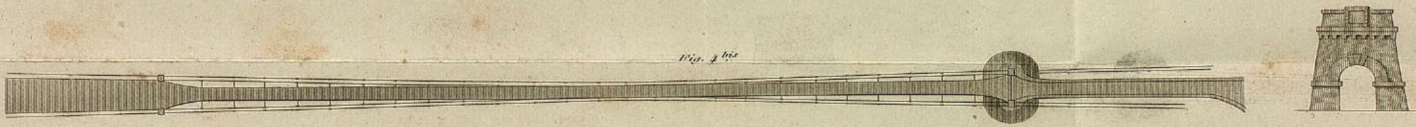
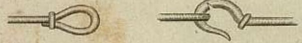


Fig. 4 bis



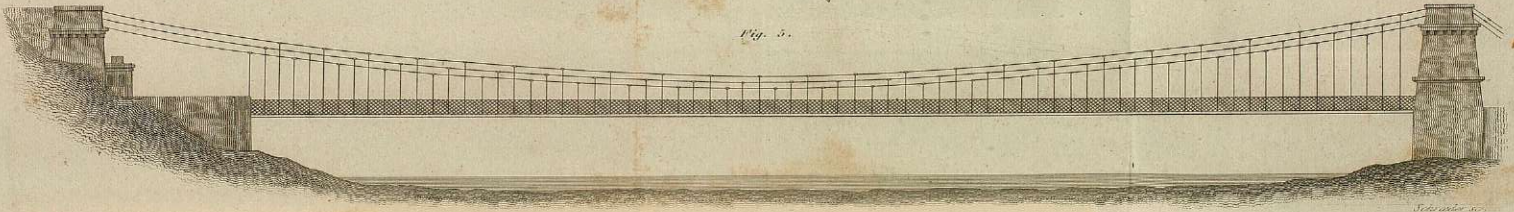


Fig. 5.

Schrader sc.

Ponts Suspendus.
Puentes colgantes.

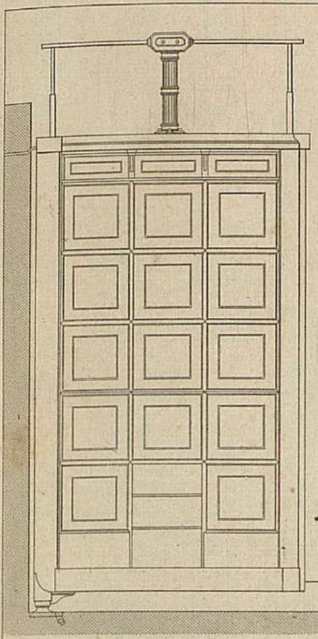
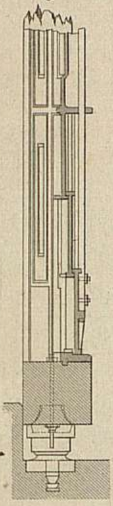


Fig. 2.



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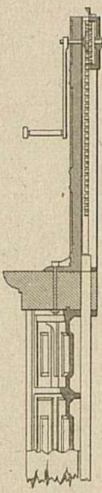

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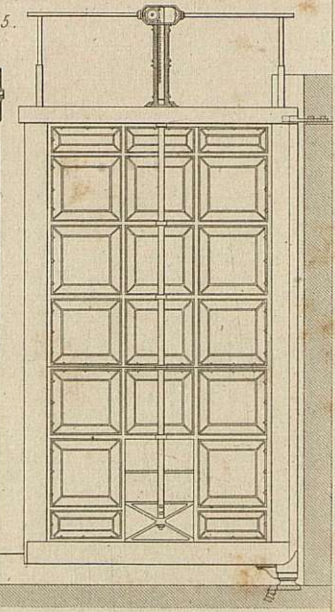

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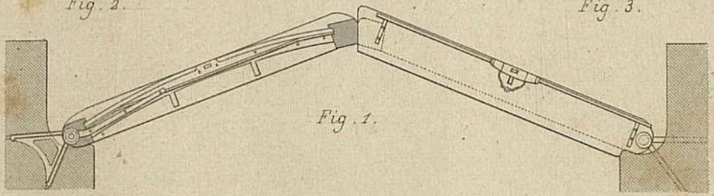

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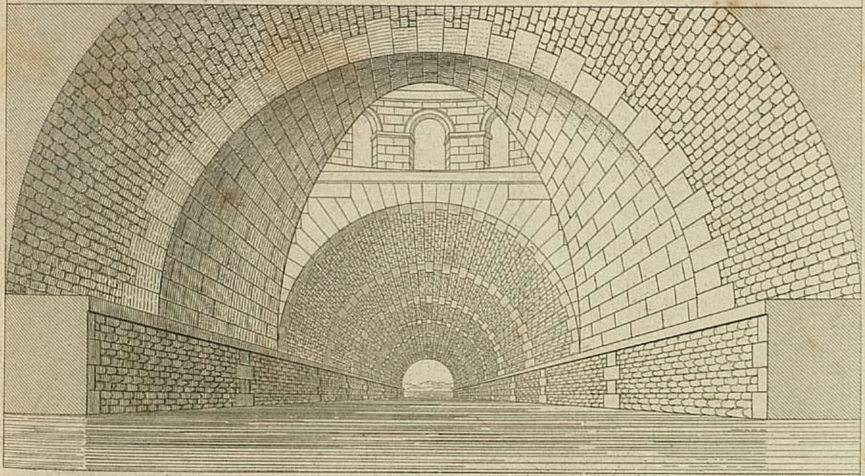


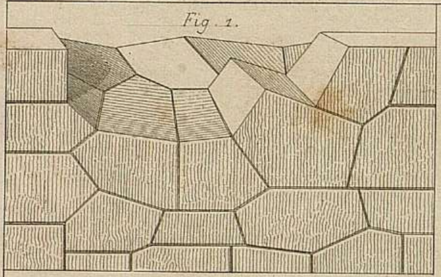
H. Roux aine.

Portes d'Ecluses et Canaux.

Puentes de Esclusas y Canales

ARQUITECTURA.
ARCHITECTURE.

Pl 52.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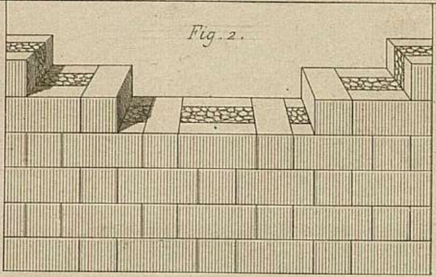
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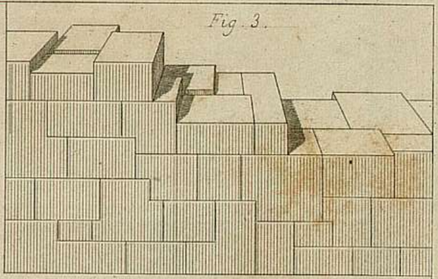
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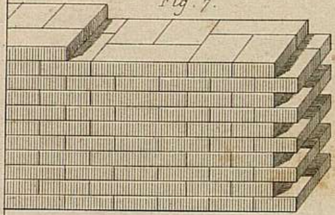
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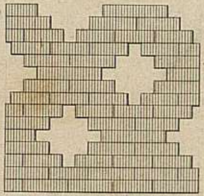
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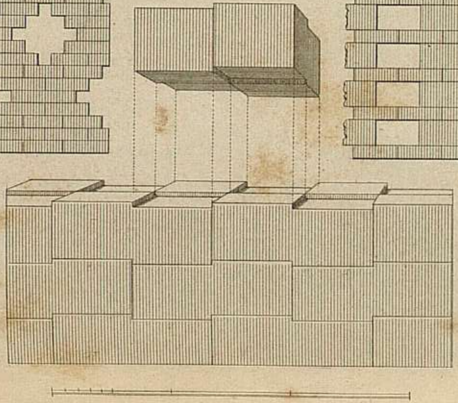
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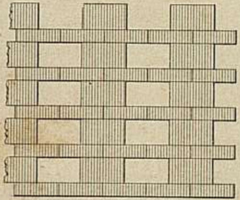
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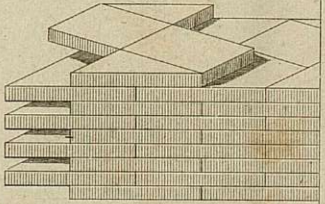
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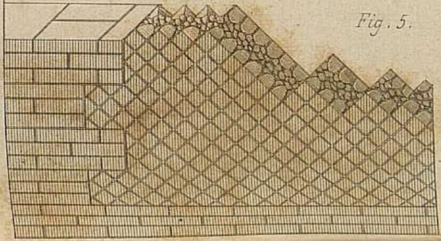
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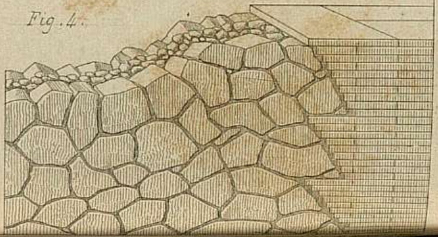
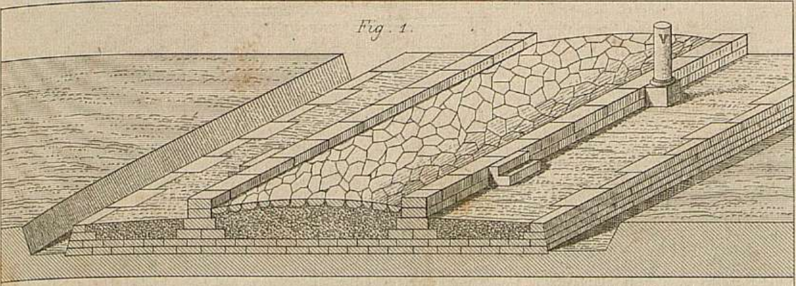
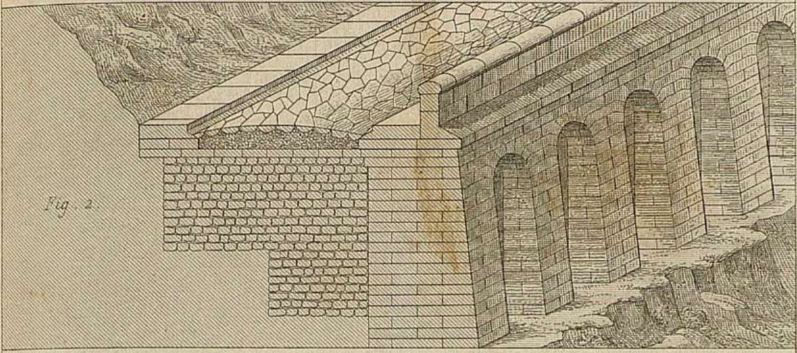


Fig. 4.

Fig. 1.





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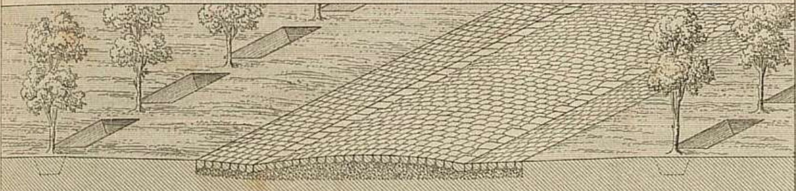

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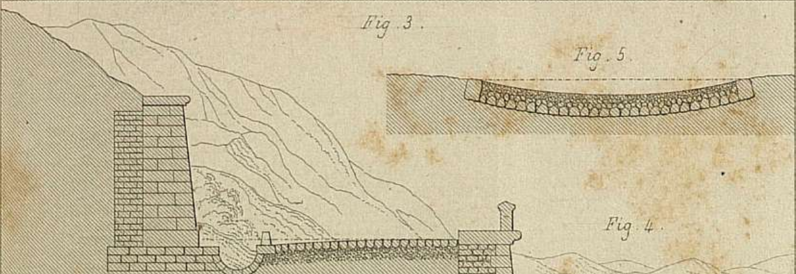

Fig. 5.

Fig. 4.

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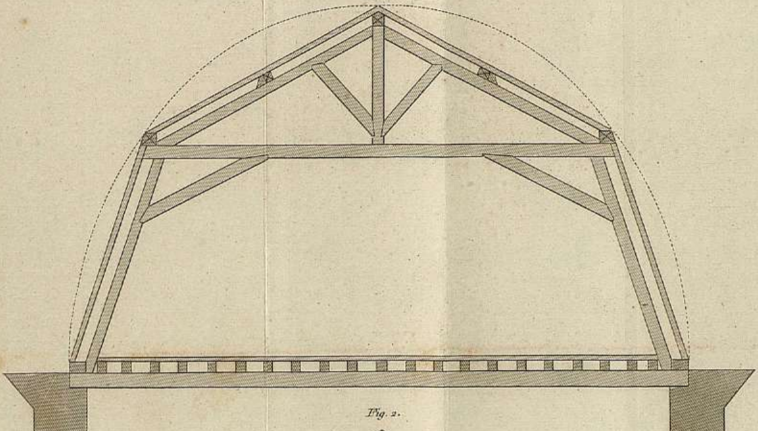
5 10 15 30 P^ds

H. Roux aîné

Routes Antiques et Modernes.

Caminos Antiguos y Modernos

Fig. 1.



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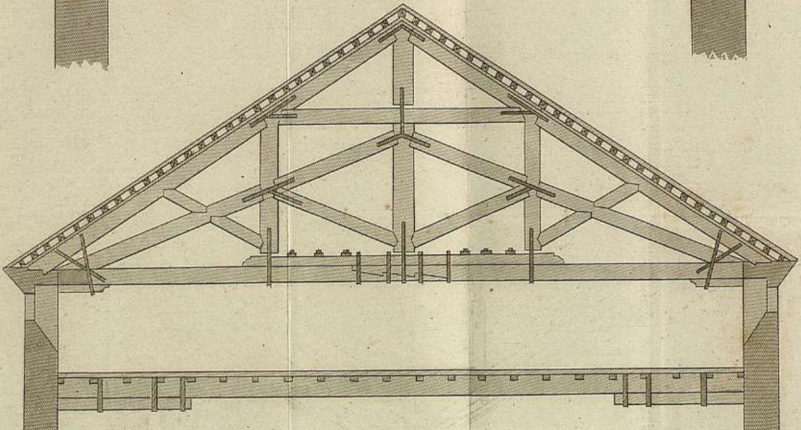

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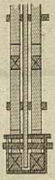

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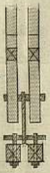

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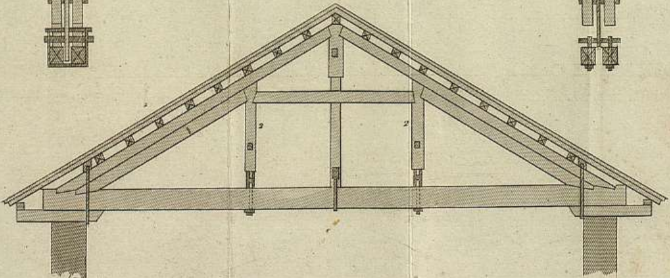

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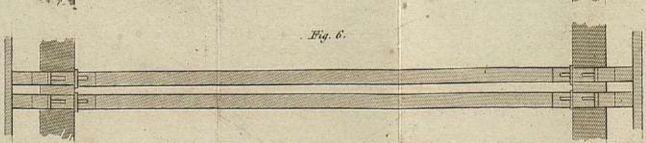

Jenotte sculp.

Charpente._Combles. Armudurus

Fig. 1.

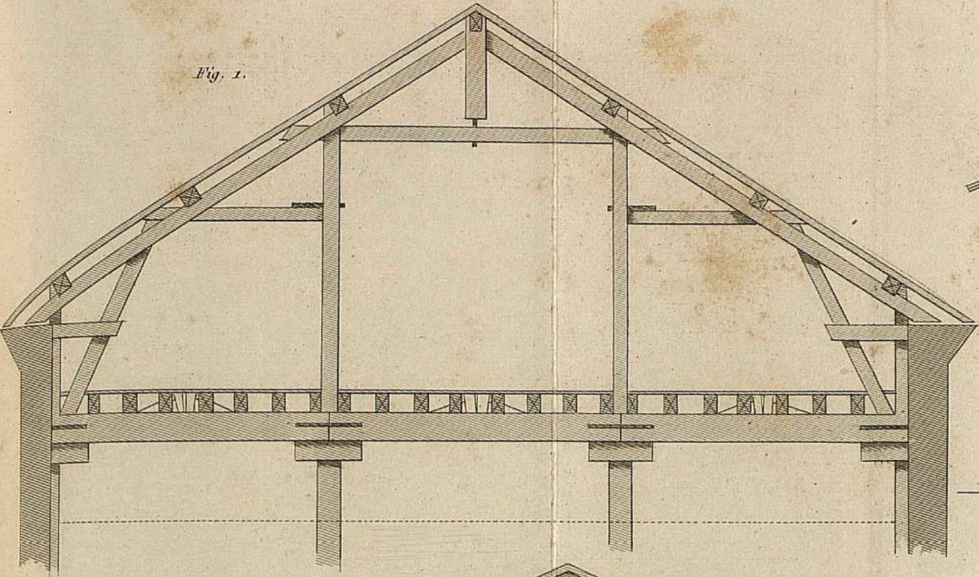

Fig. 4.

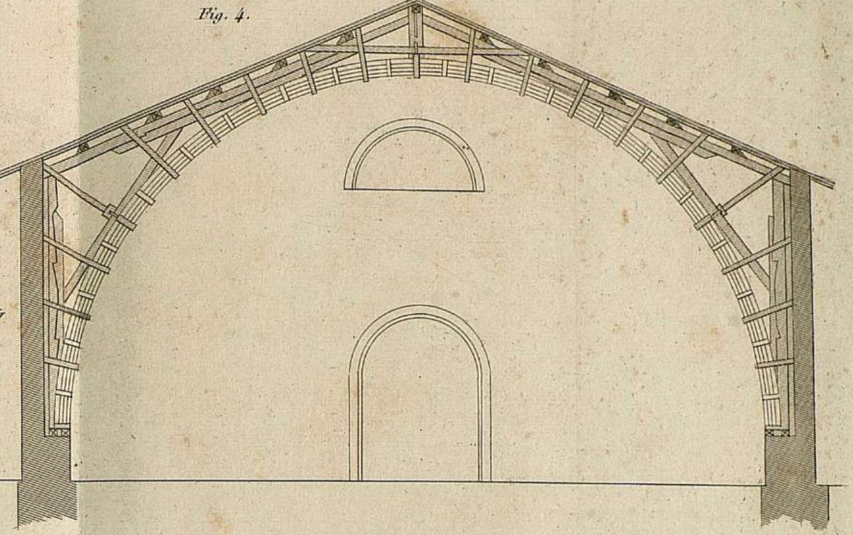

Fig. 2.

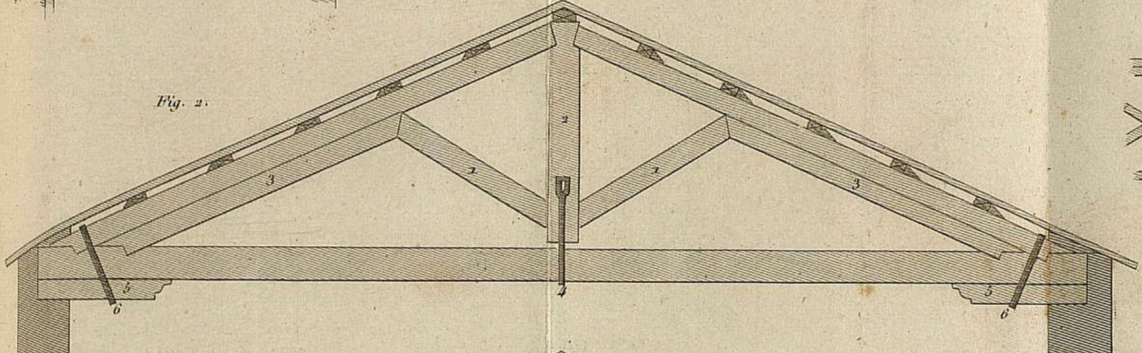
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Fig. 3.

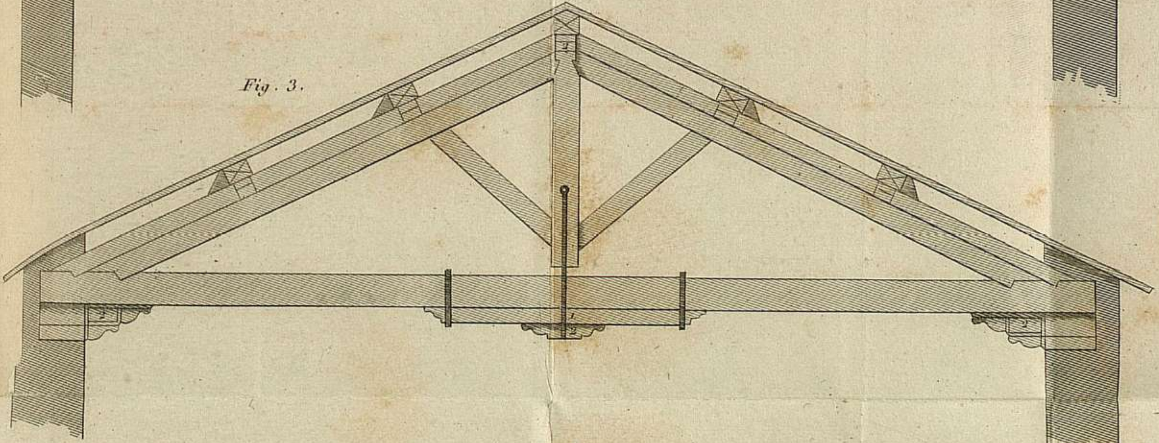


Fig 4a.

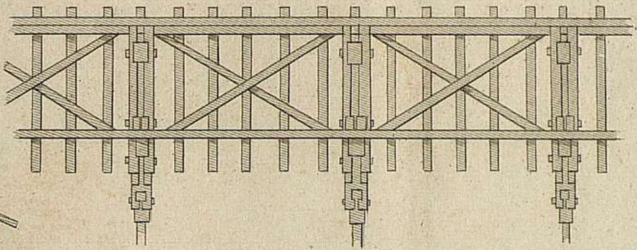
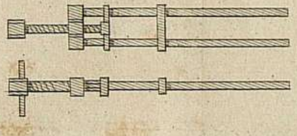


Fig. 4d.



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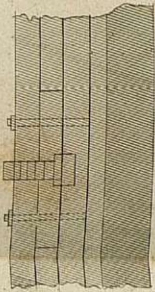

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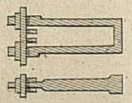


Fig. 4c.

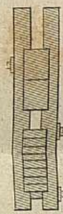
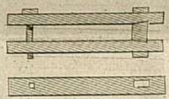


Fig. 4f.



Jenotte sculp.

Charpente._Combles divers.
Armuduru.

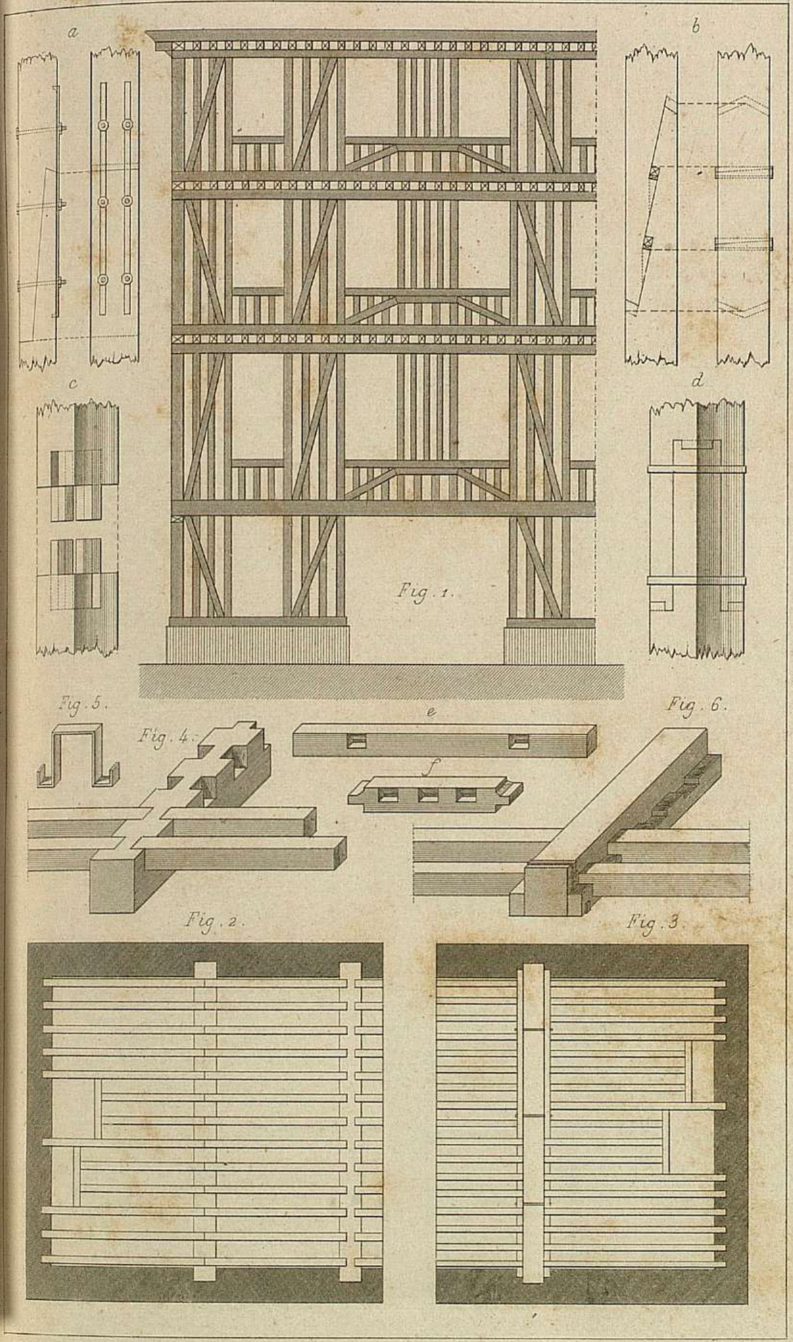

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Fig. 1.
Fig. 5.
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Fig. 6.
Fig. 2.
Fig. 3.

H. Roux aîné.

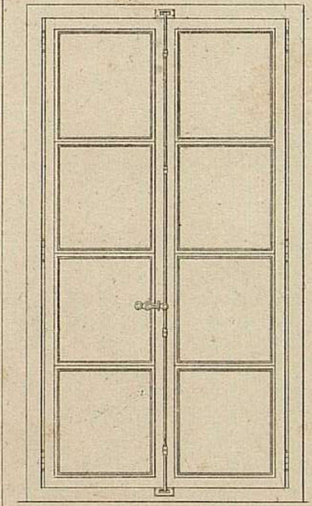
Charpente.

Armuduras.

ARQUITECTURA.
ARCHITECTURE.

Pl. 59

Fig. 4.



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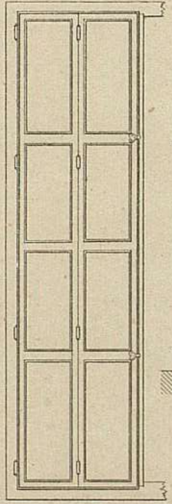

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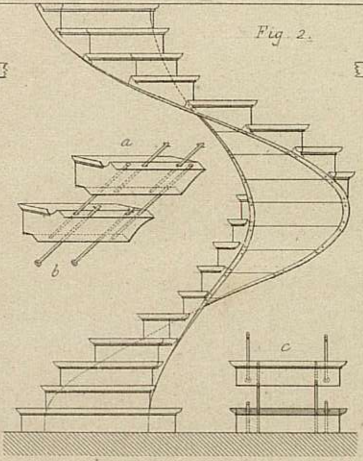
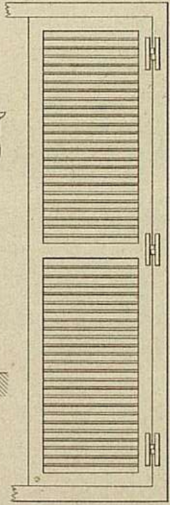


Fig. 6.



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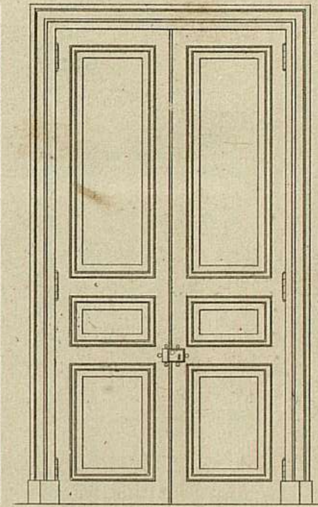

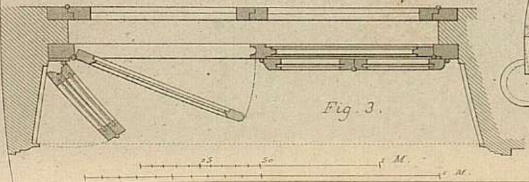

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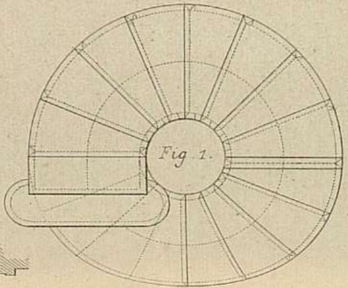

Fig. 1.

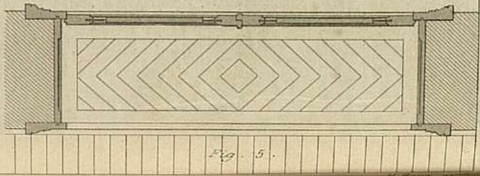

Fig. 5.

Menuiserie

ARQUITECTURA.
ARCHITECTURE.

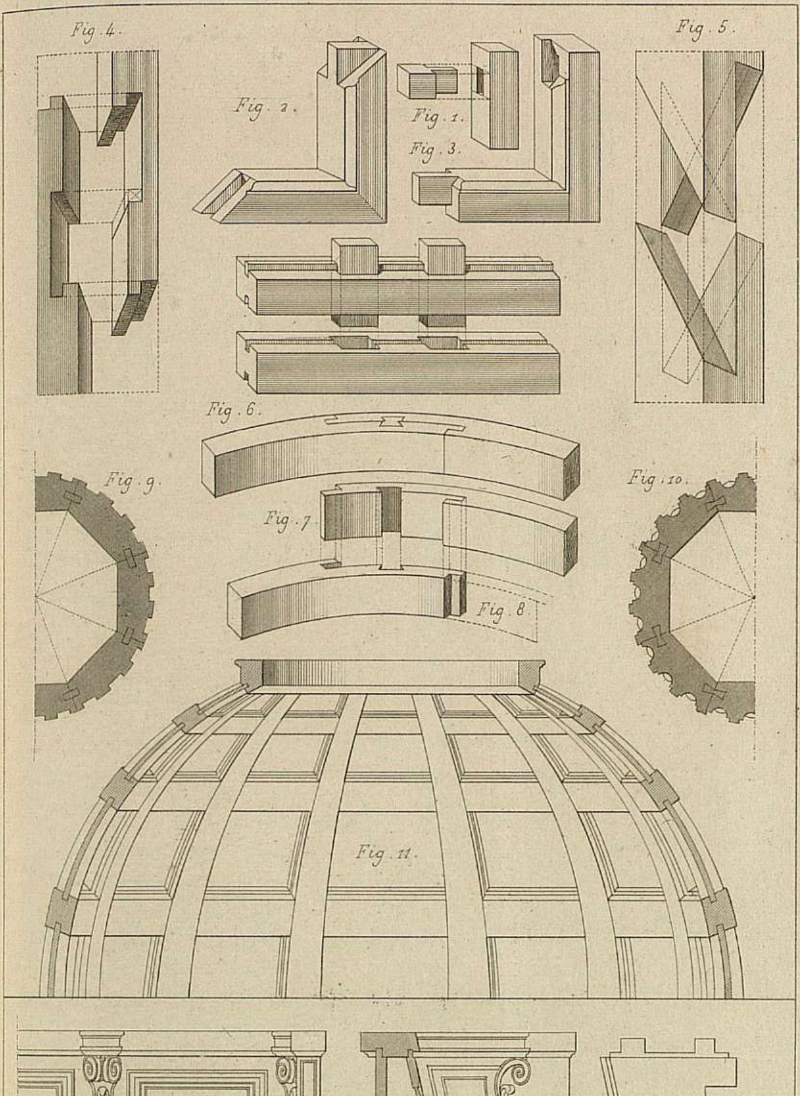
Fig. 4.
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Fig. 3.
Fig. 5.
Fig. 6.
Fig. 9.
Fig. 7.
Fig. 10.
Fig. 8.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
H. Roux ainé.

Menuiserie.

Carpinteria.

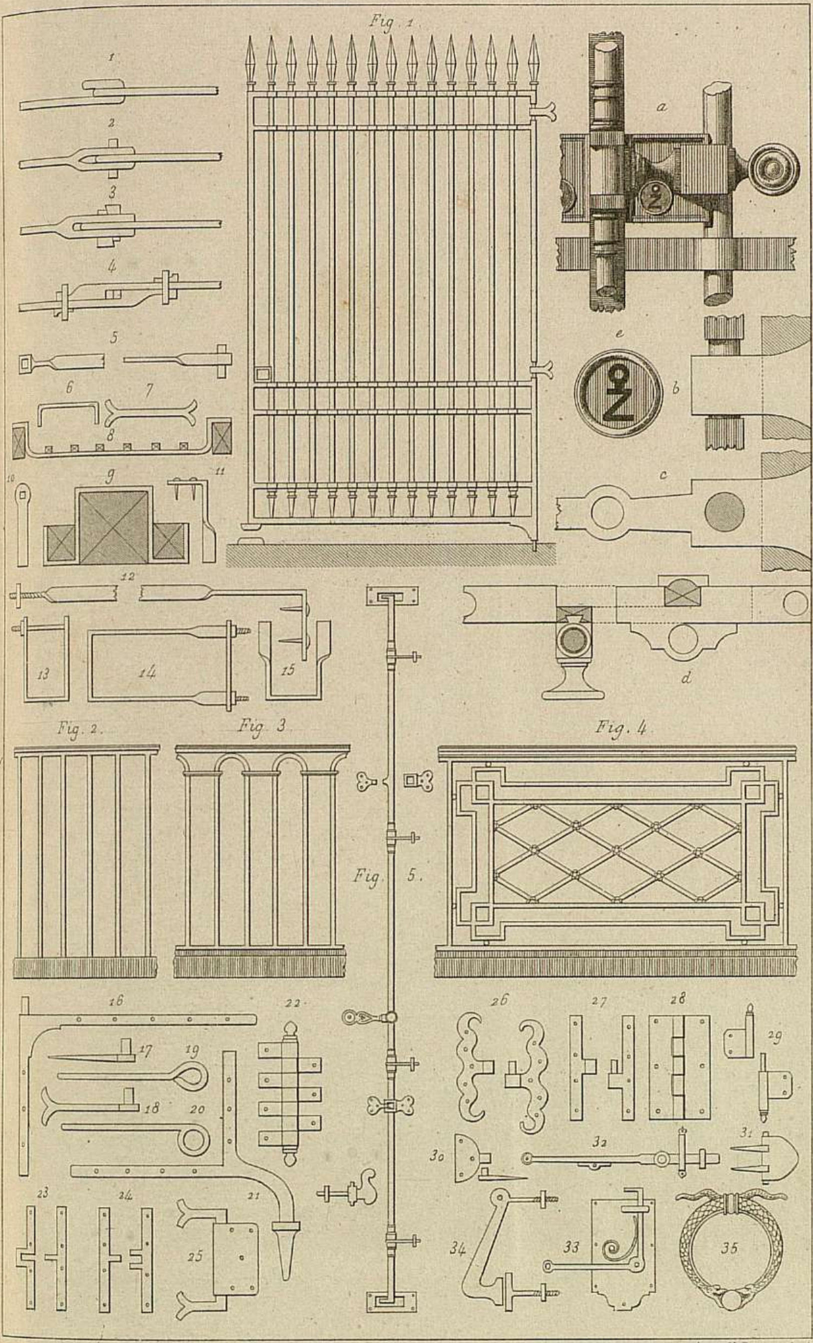
Fig. 1.
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Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
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H. Roux ainé.

Serrurerie.

Cerrujeria.

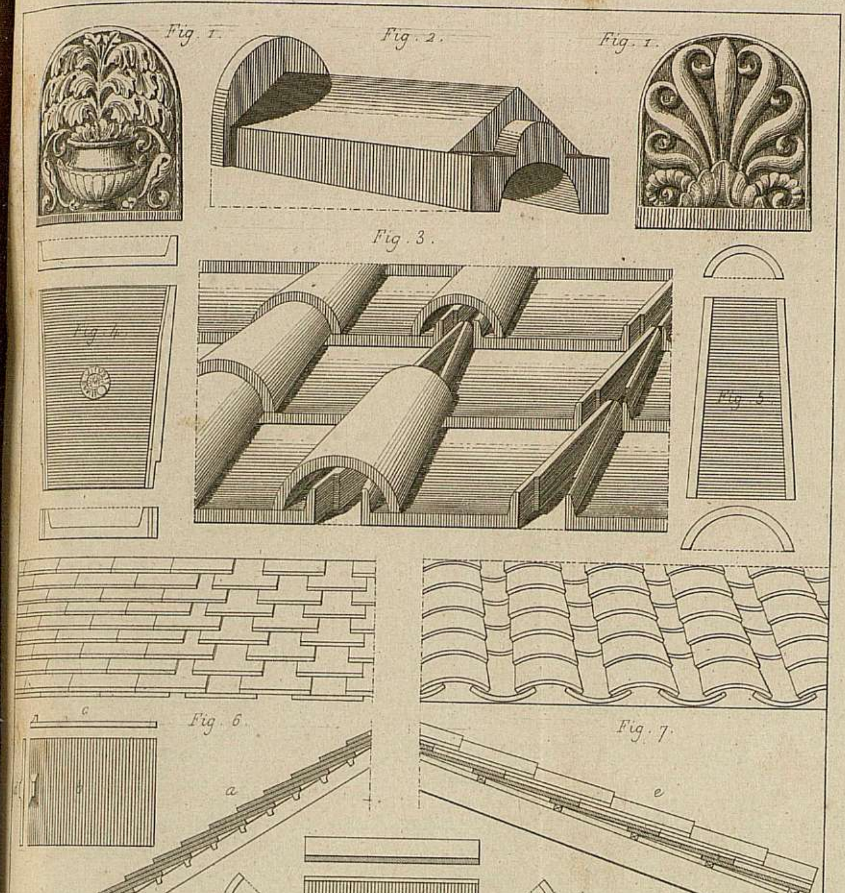
Fig. 1.
Fig. 2.
Fig. 1.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
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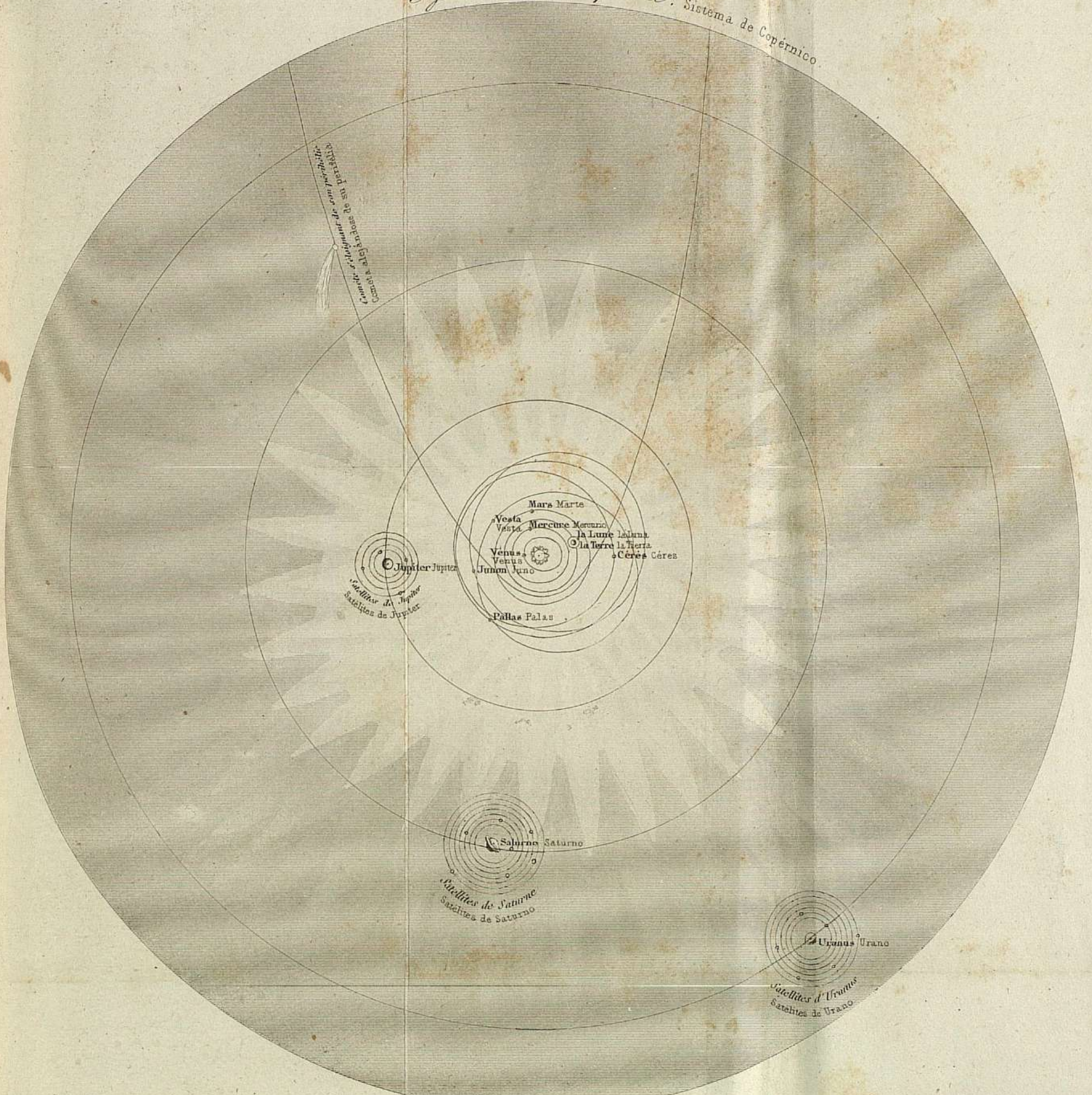
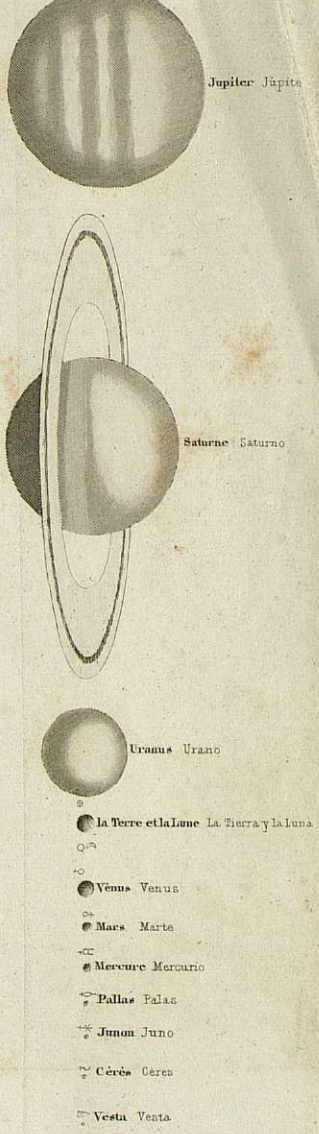
H. Roux ainé

Couverture.
Cubiertas.

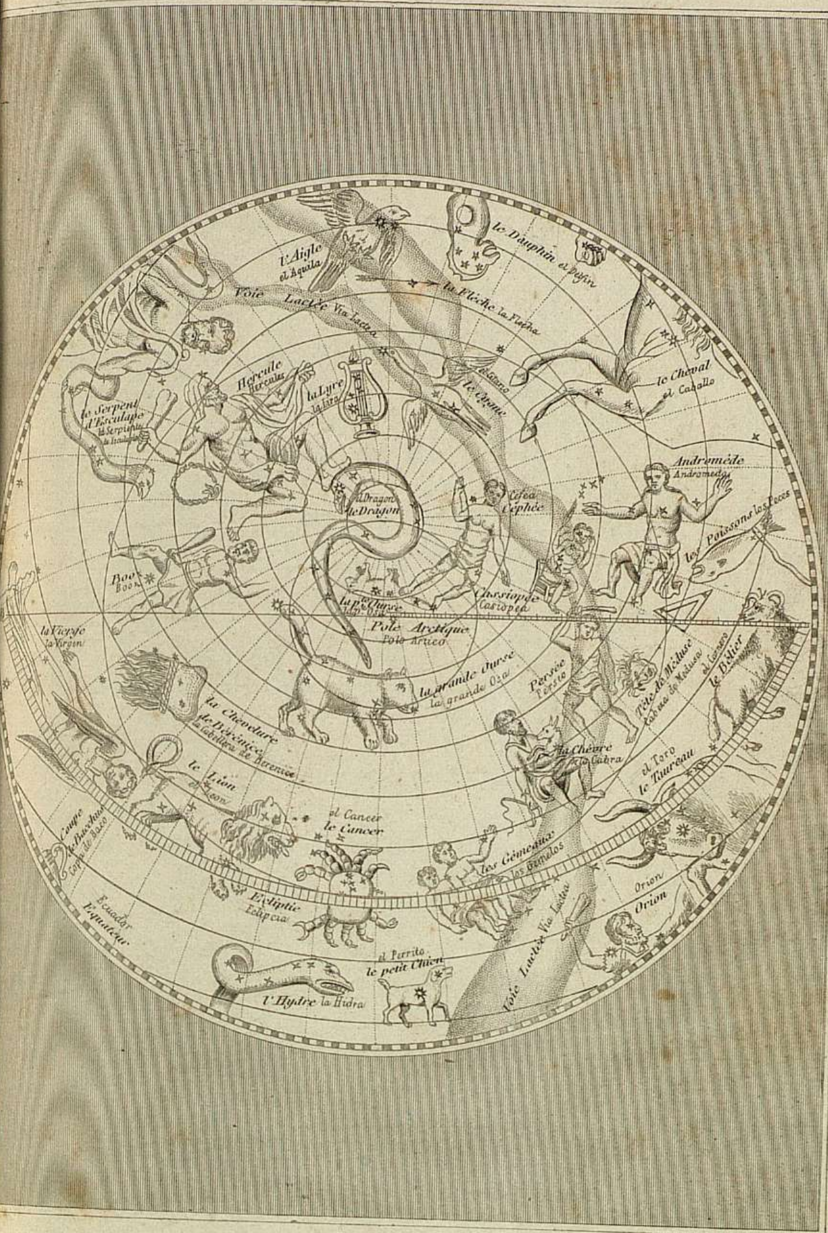
Système de Copernic. Sistema de Copérnico


Comète s'éloignant de son périhélie
Cometa alejándose de su perihelio
Mars Marte
Vesta
Vesta
Mercure Mercurio
la Lune la Luna
la Terre la Tierra
Vénus
Venus
Céres Céres
Jupiter Jupiter
Junon Juno
Pallas Palas
Satellites de Jupiter
Satelites de Jupiter
Saturne Saturno
Satellites de Saturne
Satelites de Saturno
Uranus Urano
Satellites d'Uranus
Satelites de Urano

Grandor comparativo delos Planetas
Grandeur comparative des Planètes.


Jupiter Júpite
Saturne Saturno
Uranus Urano
la Terre et la Lune La Tierra y la Luna
Vénus Venus
Mars Marte
Mercure Mercurio
Pallas Palas
Junon Juno
Cérès Céres
Vesta Vesta

Tallant sculp.


l'Aigle
el Aquila
le Dauphin el Delfin
Voie Lactée Via Lactea
la Flèche la Flecha
Hercule
Hercules
la Lyre
la Lira
le Cygne
el Cisne
le Cheval
el Caballo
le Serpent d'Esculape
el Serpiente
Andromède
Andromeda
el Dragon
le Dragon
Cefea
Céphée
les Poissons los Peces
Boo
Boo
la p.te Ourse
la p. Osa
Cassiopée
Casiopea
Pole Arctique
Polo Artico
la Vierge
la Virgen
la grande Ourse
la grande Osa
Persée
Persio
Tête de Méduse
Cabeza de Medusa
el Carnero
le Bélier
la Chevelure de Bérénice
la Cabellera de Berenice
la Chèvre
la Cabra
le Lion
el Leon
el Toro
le Taureau
Coupe de Bacchus
Copa de Baco
el Cancer
le Cancer
les Gémeaux
los Gemelos
Ecliptic
Ecliptica
Orion
Orion
Ecuador
Equateur
el Perrito
le petit Chien
Voie Lactée Via Lactea
l'Hydre la Hidra

Vaillant sculp.

PLANISPHÈRE CÉLESTE.

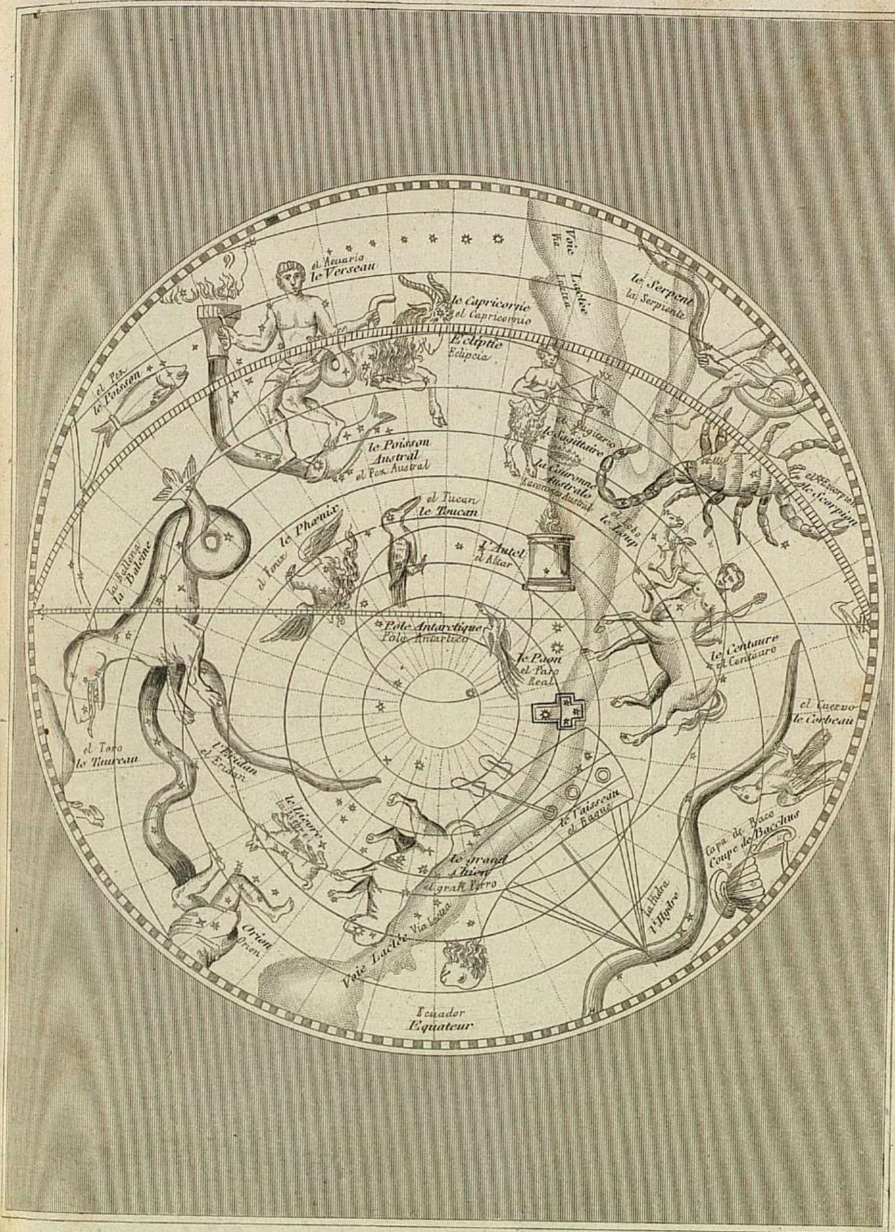
(Hémisphère Nord)

Planisferio celeste

(Hemisferio Norte)

ASTRONOMIA

ASTRONOMIE


el Acuario
le Verseau
le Capricorne
el Capricornio
Ecliptie
Eclipcia
Voie Lactée
Via Lactea
le Serpent
la Serpiente
el Pex
le Poisson
le Poisson Austral
el Pex Austral
el Sagitario
le Sagittaire
la Couronne Australe
La corona Austral
el Escorpion
le Scorpion
el Lobo
le Loup
el Tucan
le Toucan
le Phenix
el Fenix
la Ballena
la Baleine
l'Autel
el Altar
Pole Antarctique
Polo Antartico
le Paon
el Pavo Real
le Centaure
el Centauro
el Cuervo
le Corbeau
el Toro
le Taureau
l'Eridan
el Eridan
le Lièvre
la Liebre
le Vaisseau
el Baque
le grand Chien
el gran Perro
Capa de Baco
Coupe de Bacchus
la Hidra
l'Hydre
Orion
Orion
Voie Lactée
Via Lactea
Ecuador
Equateur

Taillant sculp.

PLANISPHÈRE CÉLESTE.

(Hémisphère Sud)

Planisferio celeste

(Hemisferio Sud)

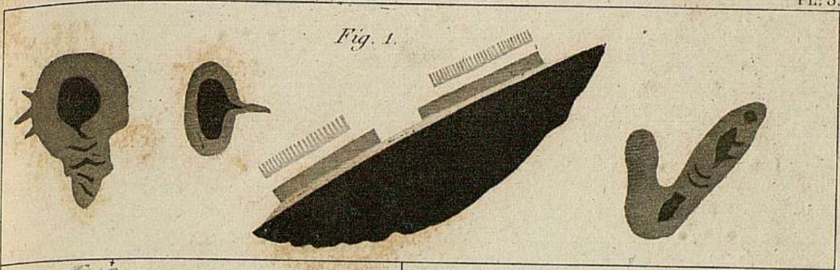
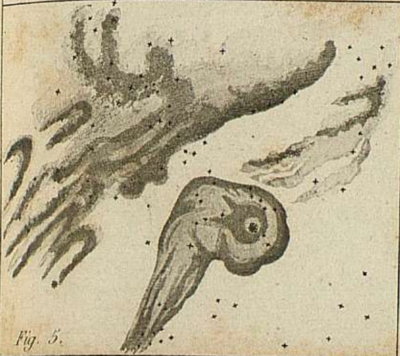


Fig. 1.



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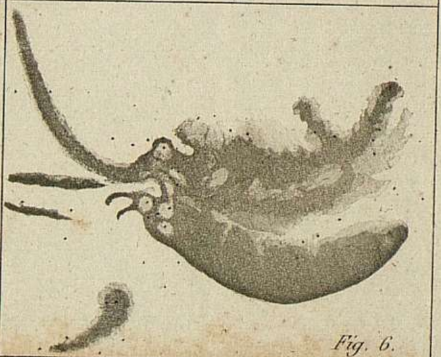
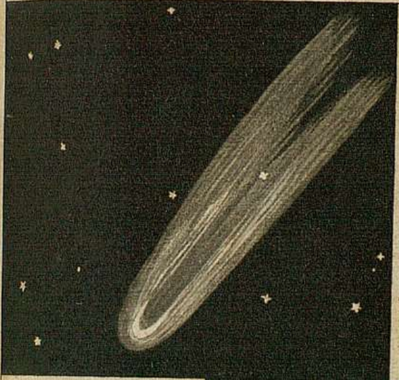
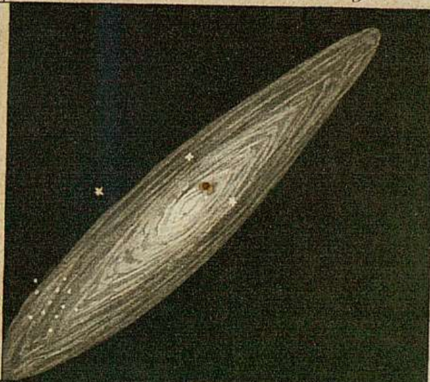


Fig. 6.





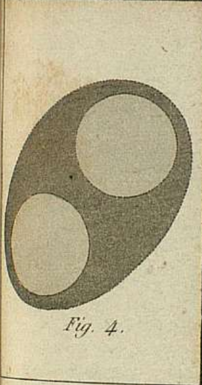
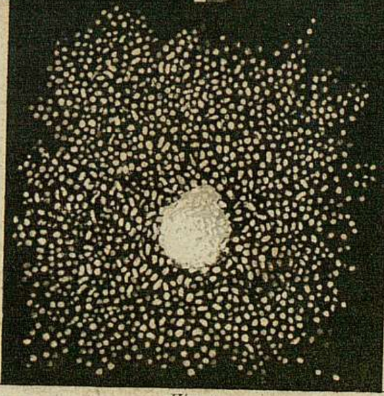


Fig. 4.



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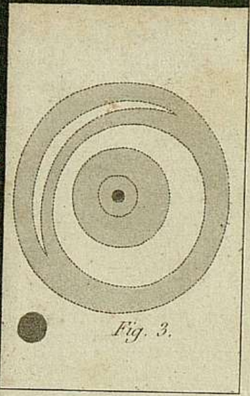

Fig. 3.

H. Roux aîné

ASTRONOMIA

ASTRONOMIE.

Pl. 6 et 7.

Fig. 1.

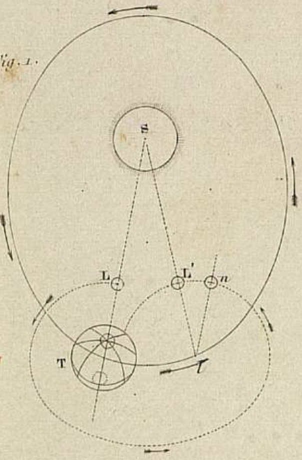

Fig. 3.

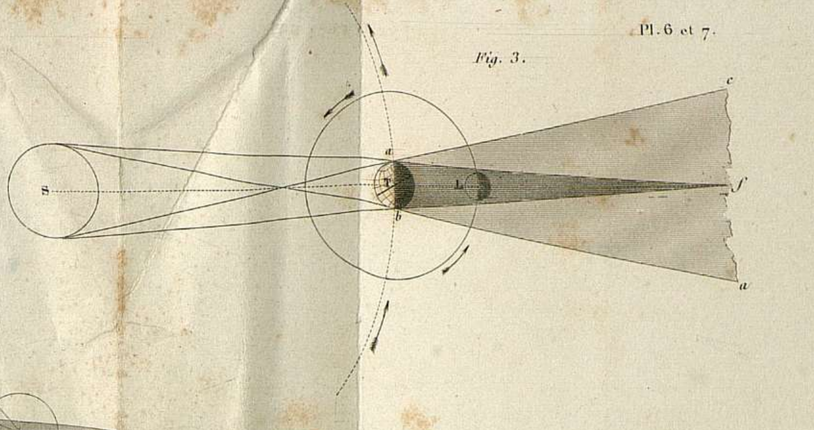

Fig. 4.

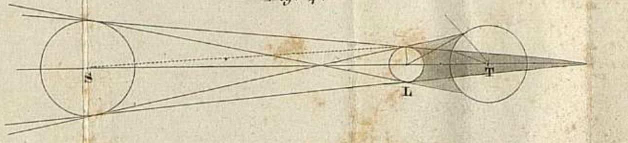

Fig. 2.

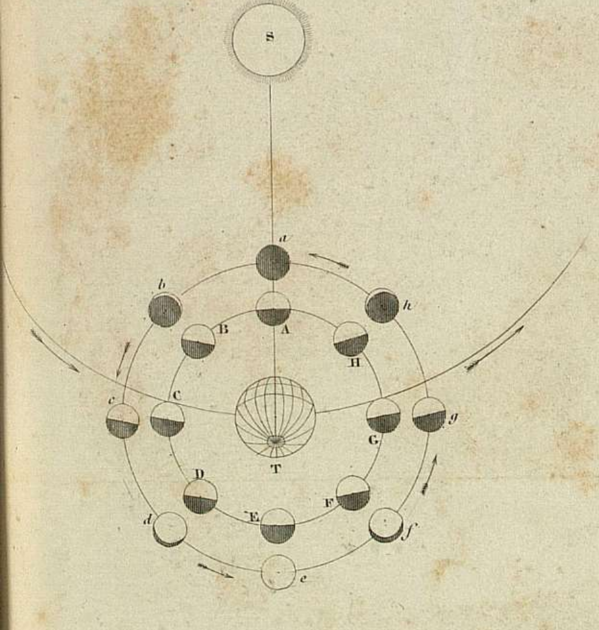
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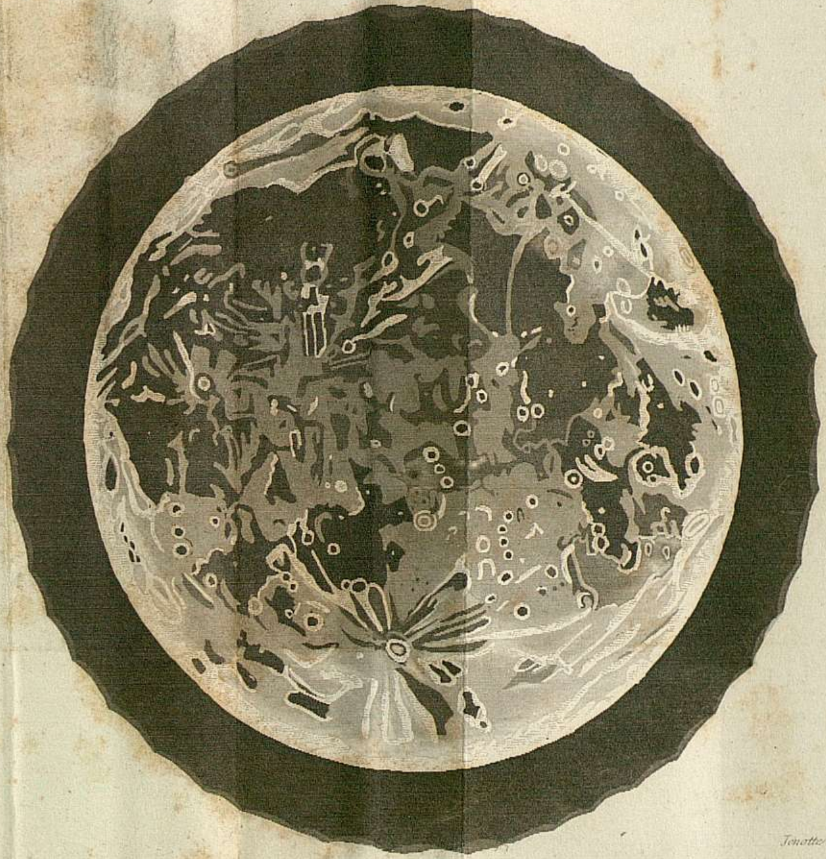
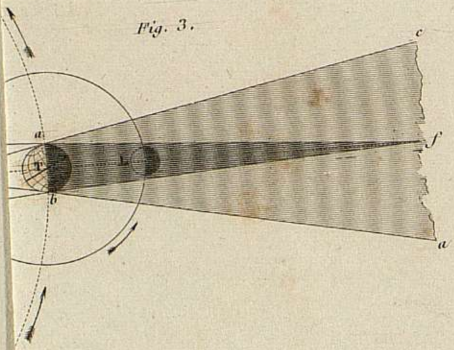
Fig. 5.



Tonatte sc.

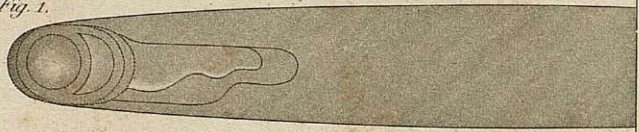
Pl. 6 et 7.

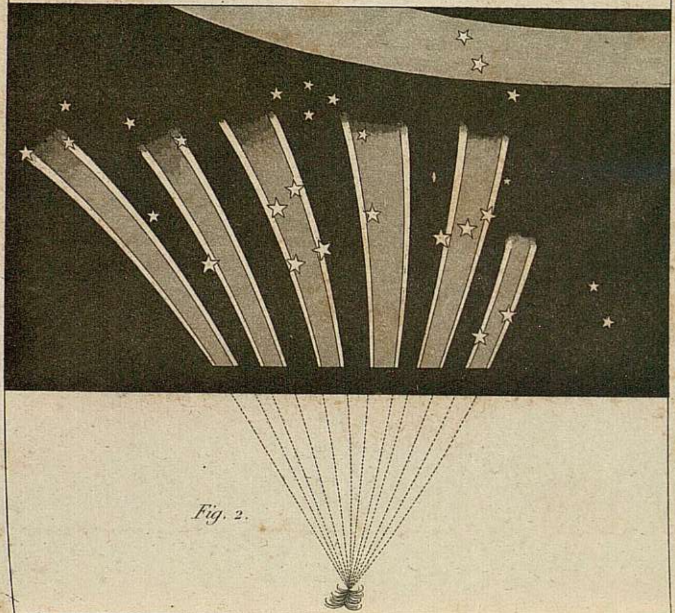
Fig. 3.



ASTRONOMIA
ASTRONOMIE.

Fig. 1.





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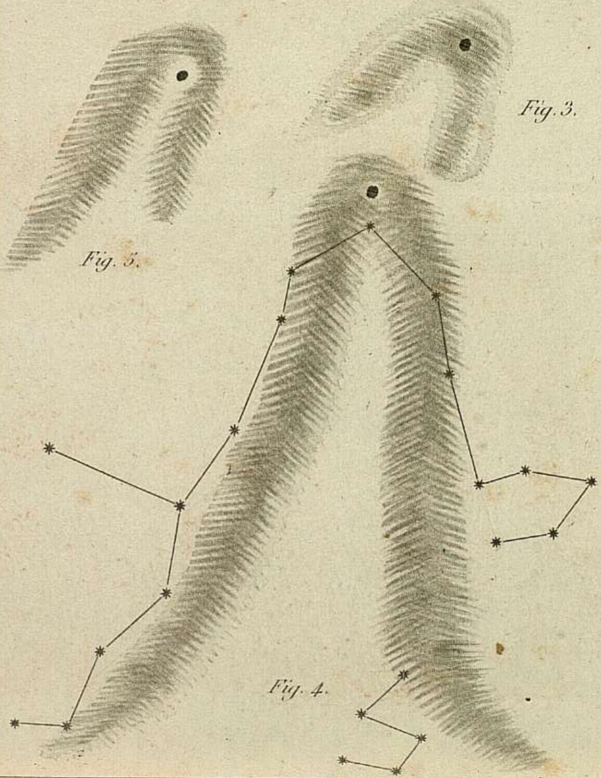

Fig. 3.

Fig. 5.

Fig. 4.

H. Roux ainé.

CAMINOS DE HIERRO
CHEMINS DE FER.

Pl. 1.

Fig. 1.

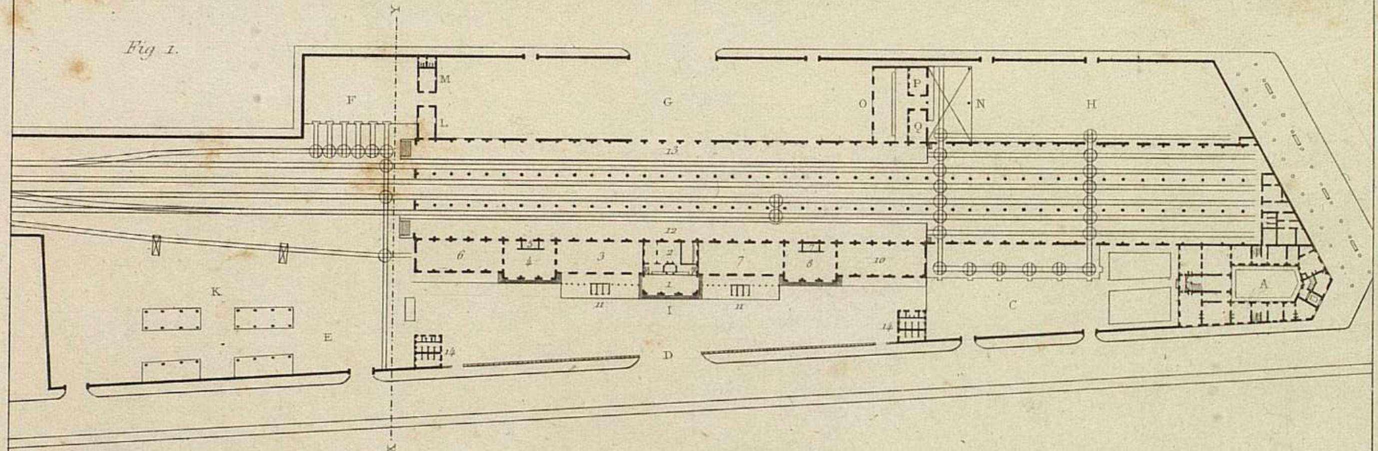
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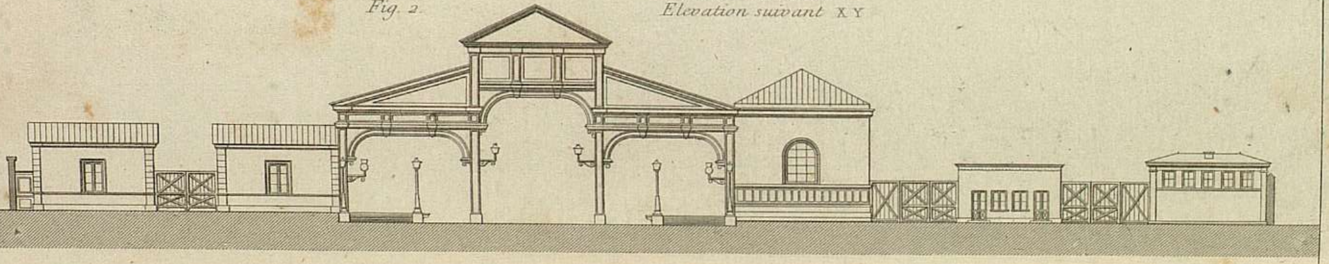
Fig. 2.

Elevacion continuada X.Y.
Elevation suivant X.Y



H. Roux ainé

Embarcadère.

CAMINOS DE HIERRO
CHEMINS DE FER.

Pl. 2.

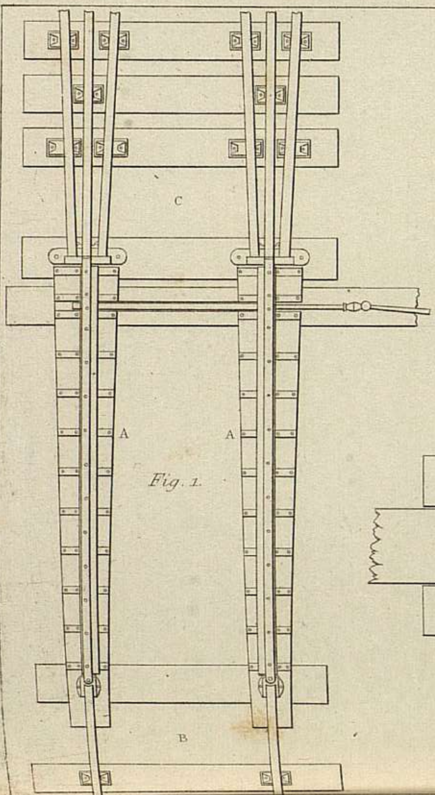
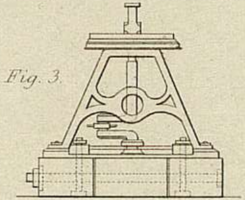


Fig. 1.



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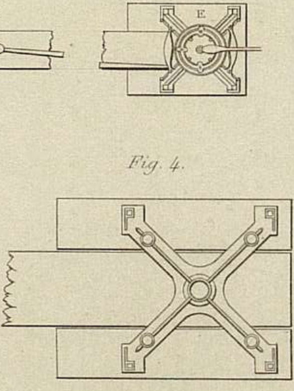

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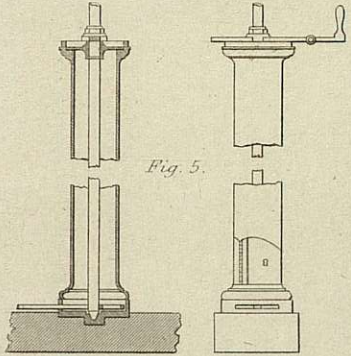

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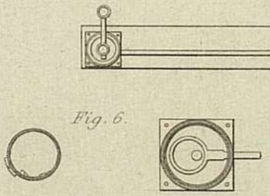


Fig. 6.

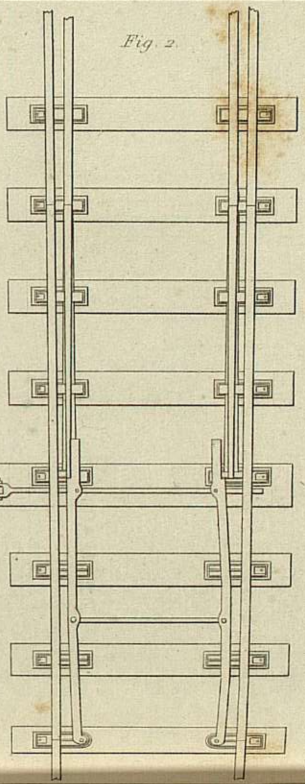
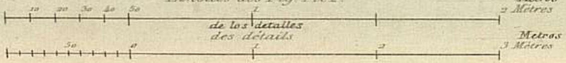


Fig. 2.

Escalas de las Fig. 1 y 2.
Echelles des Fig. 1 et 2.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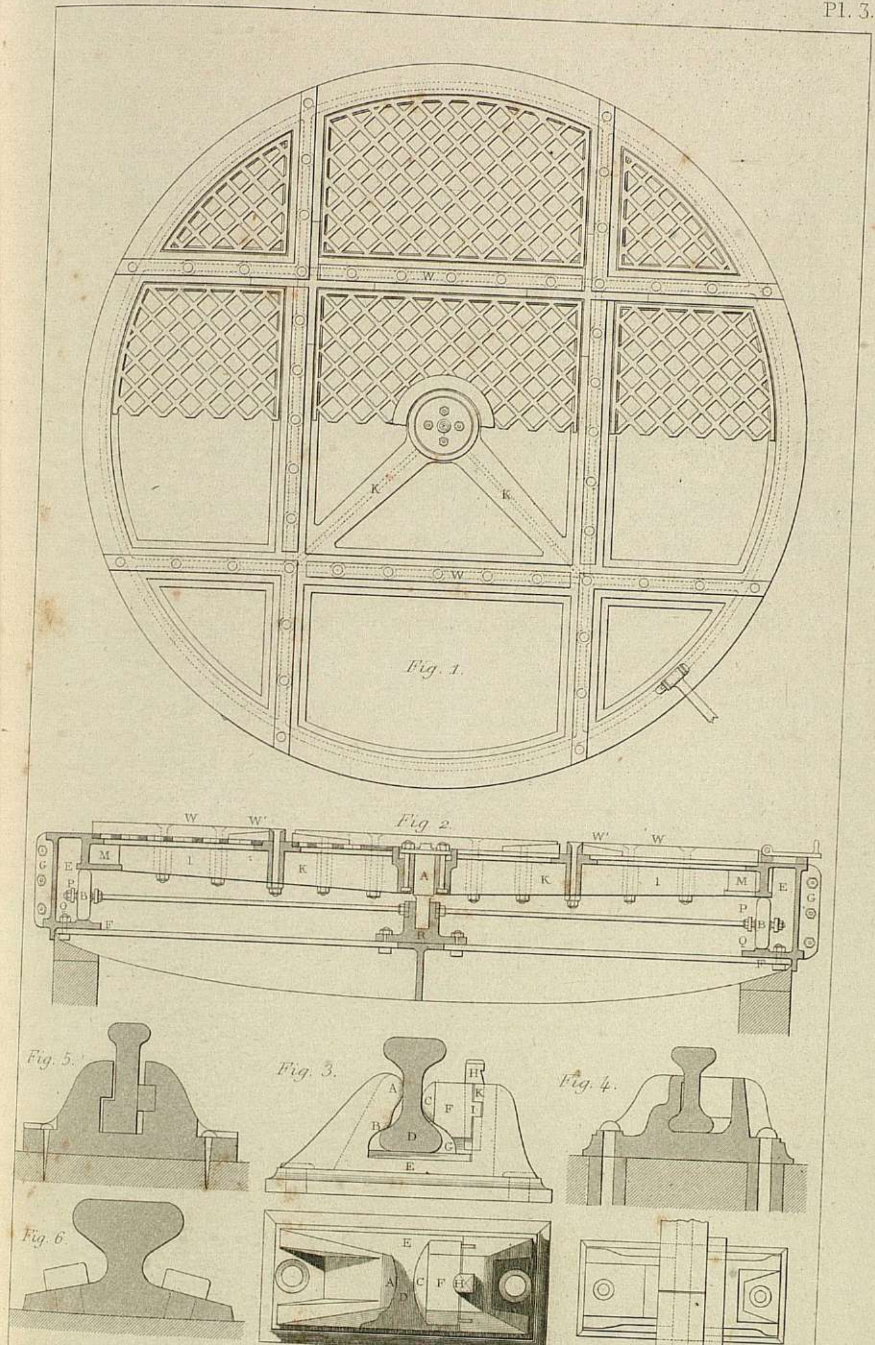
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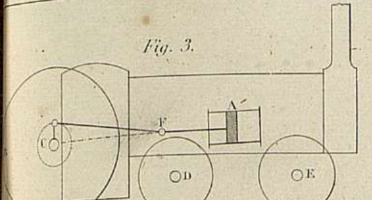
H. Roux ainé.

Plaques tournantes._Rails et Coussinets.

Placas giratorias – Carrites y Cojinetes

Fig. 3.



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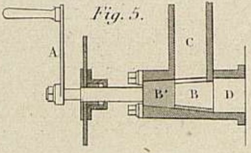

Fig. 1.

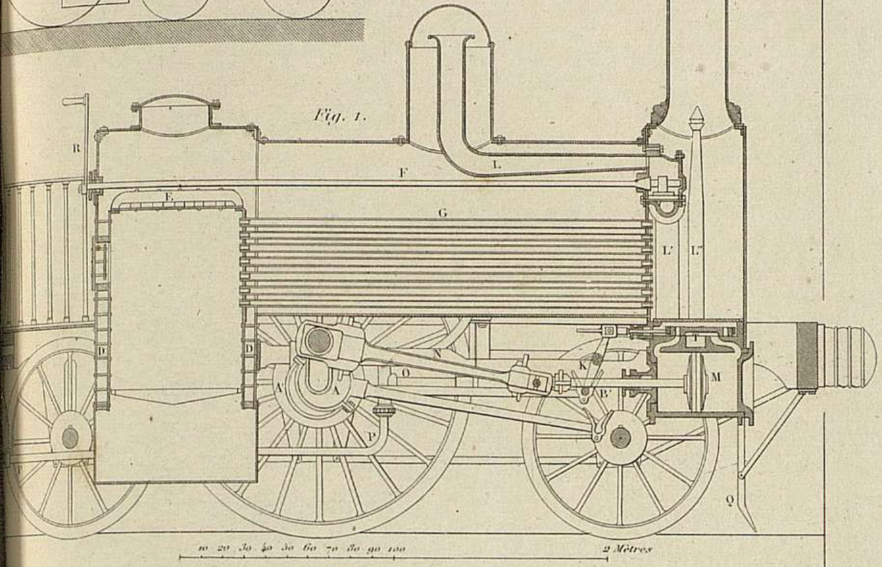
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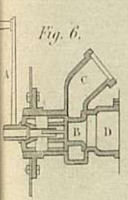
Fig. 6.



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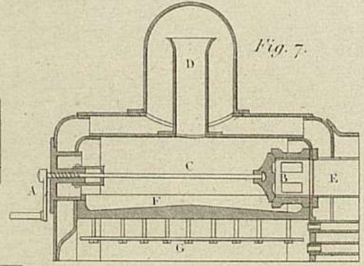
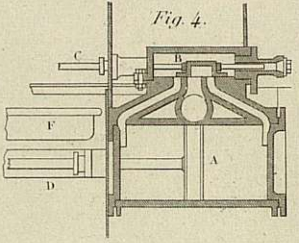


Fig. 4.



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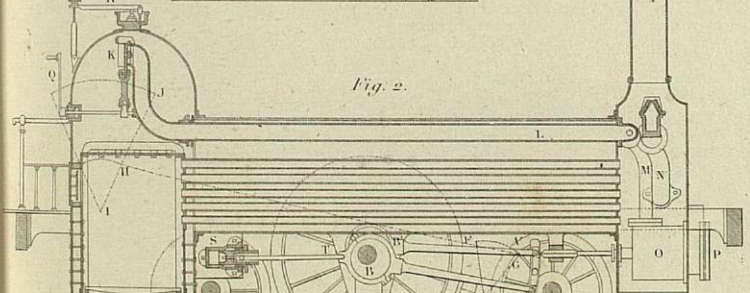
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H. Roux aîné

Locomotives. Locomotivas

QUIMICA.
CHIMIE.

Pl. 1.ère

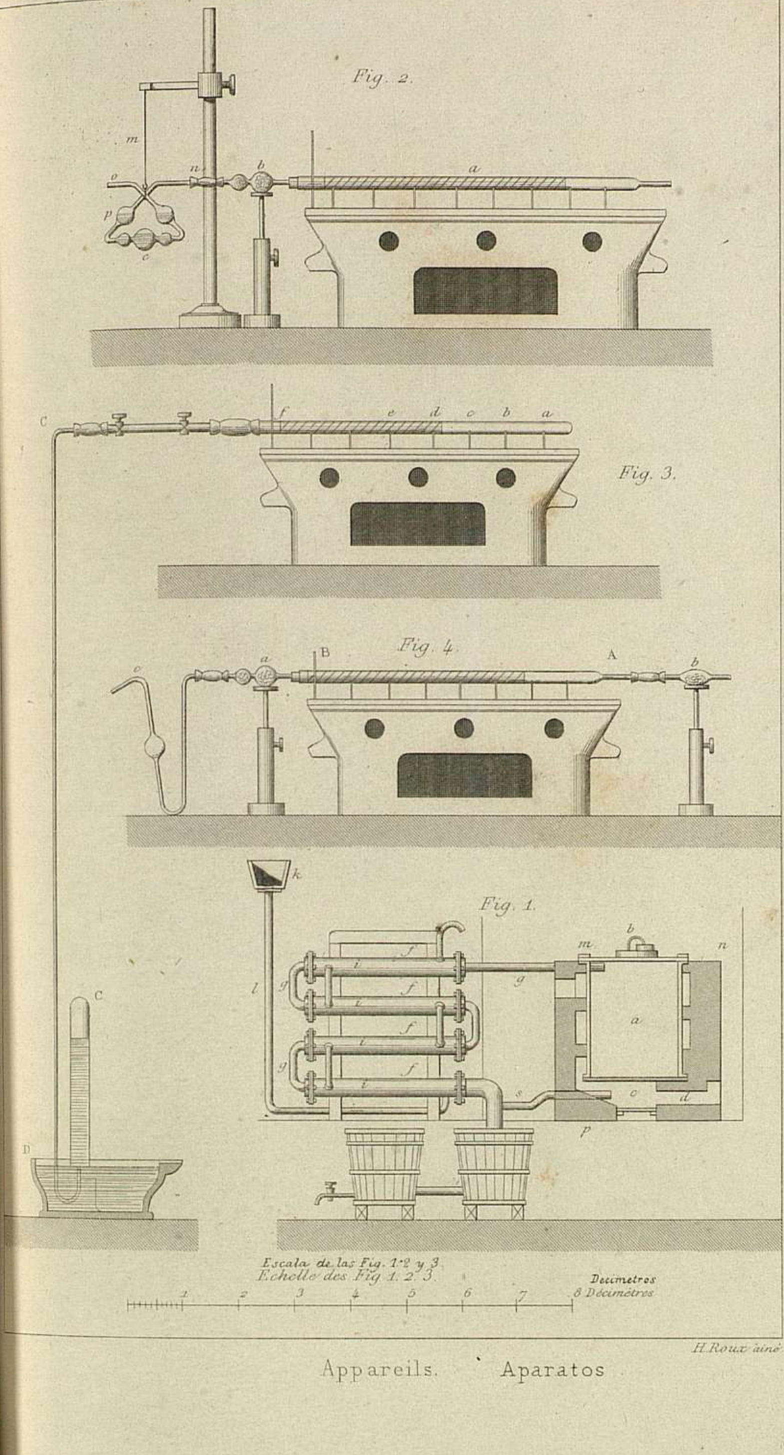
Fig. 2.
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Fig. 3.
Fig. 4.
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Escala de las Fig. 1.2 y 3
Echelle des Fig 1. 2. 3.
Decimetros
8 Décimètres
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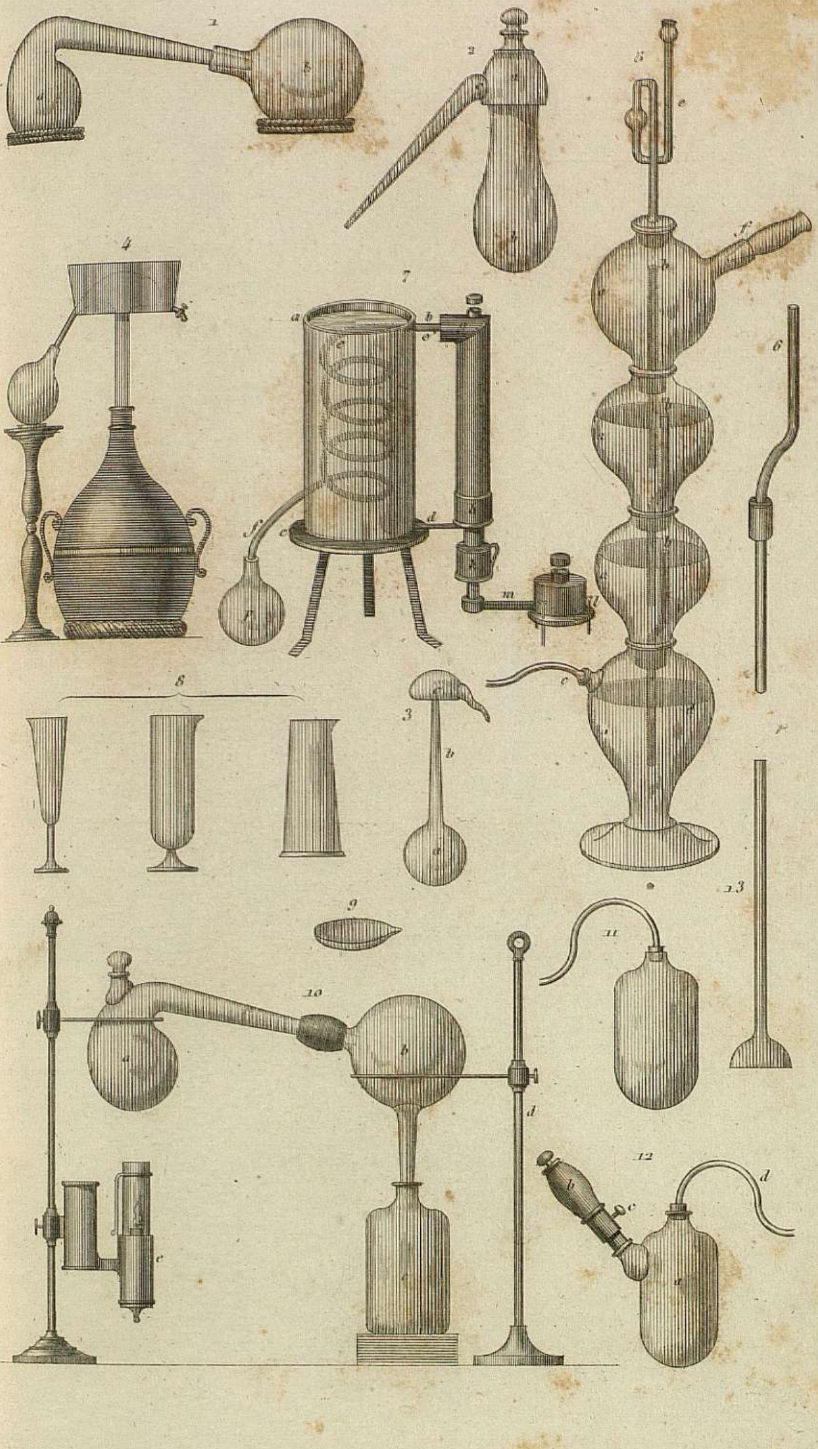
H. Roux ainé

Appareils. Aparatos

QUIMICA
CHIMIE

Pl. 1.



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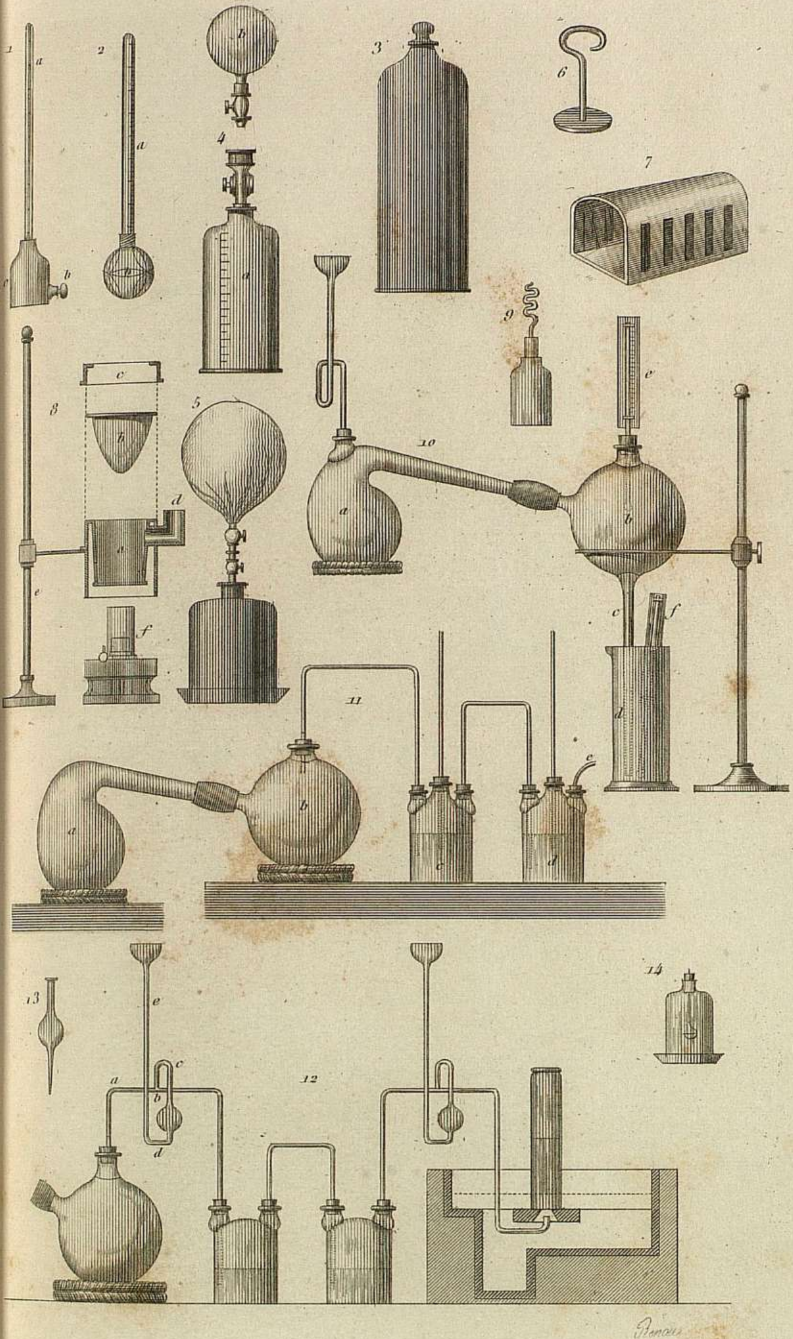
QUIMICA
CHIMIE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QUIMICA
CHIMIE

Pl. 3.

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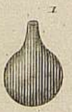

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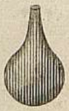

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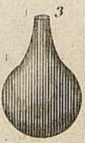

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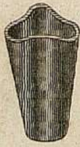

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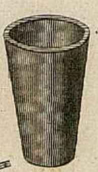

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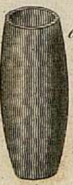

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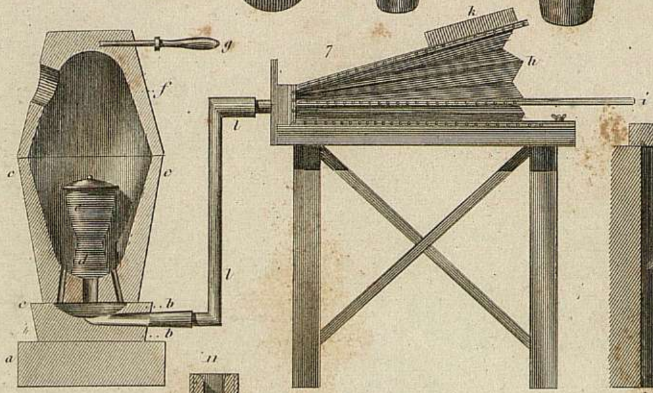
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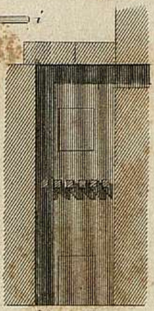

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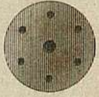

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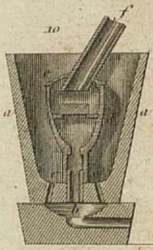

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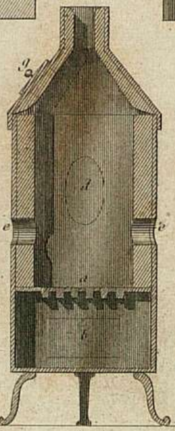

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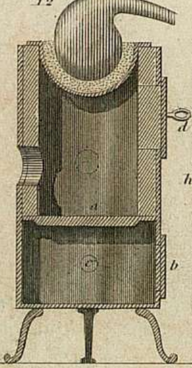

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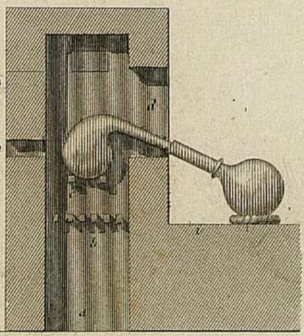

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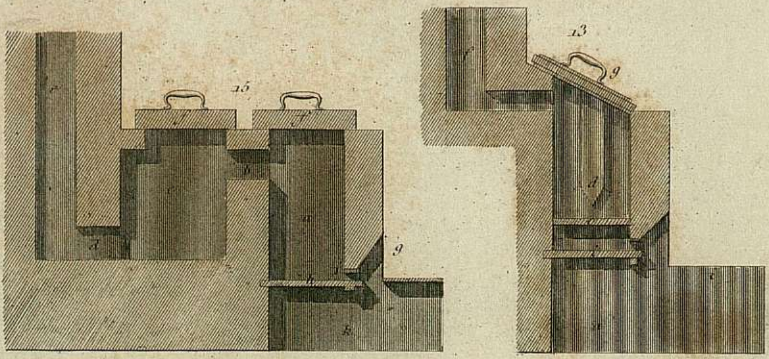
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QUIMICA
CHIMIE

Pl. 4.

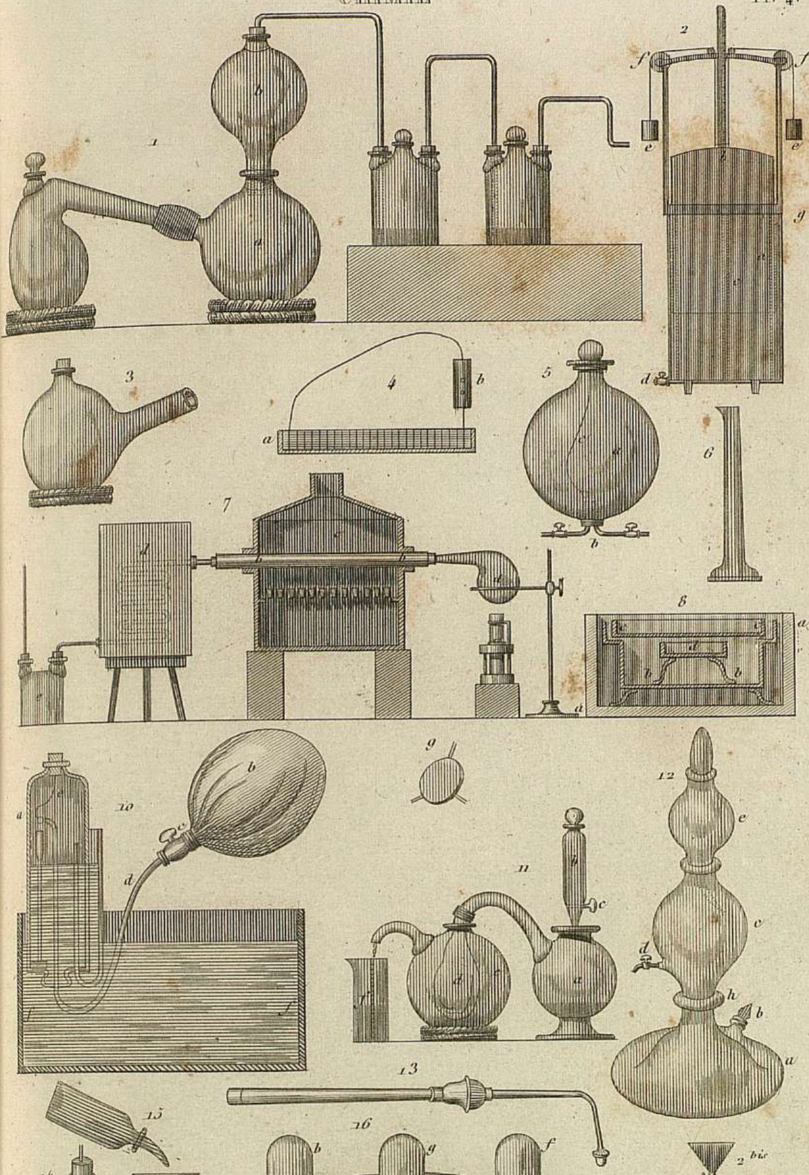
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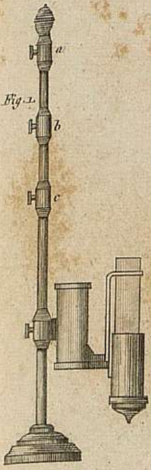
Fig. 1.



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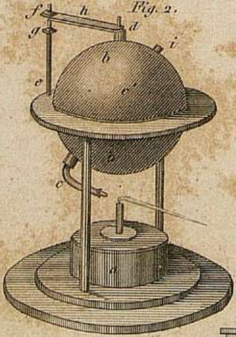
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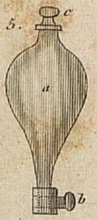
Fig. 5.



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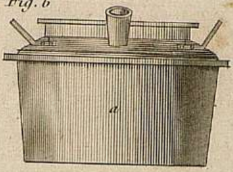

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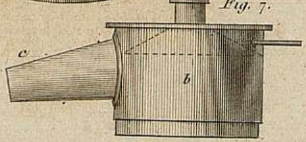

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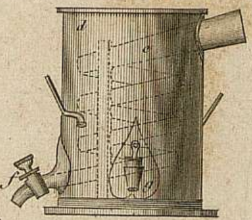

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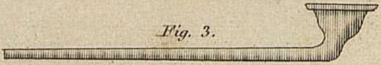

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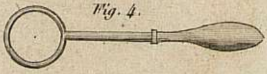

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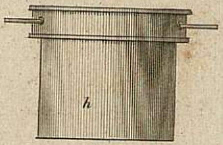

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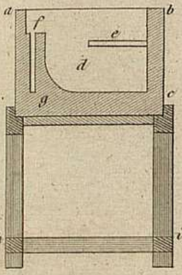

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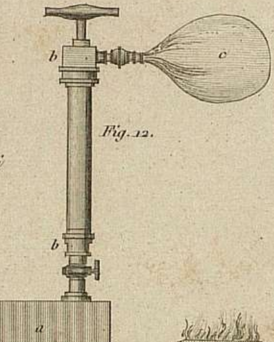

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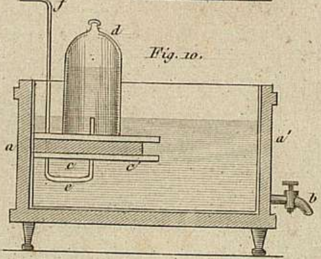

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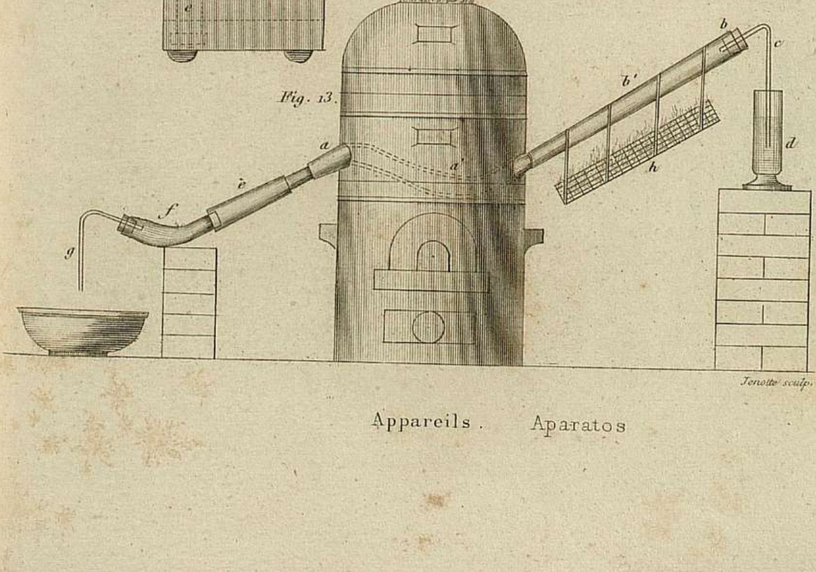
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Appareils . Aparatos

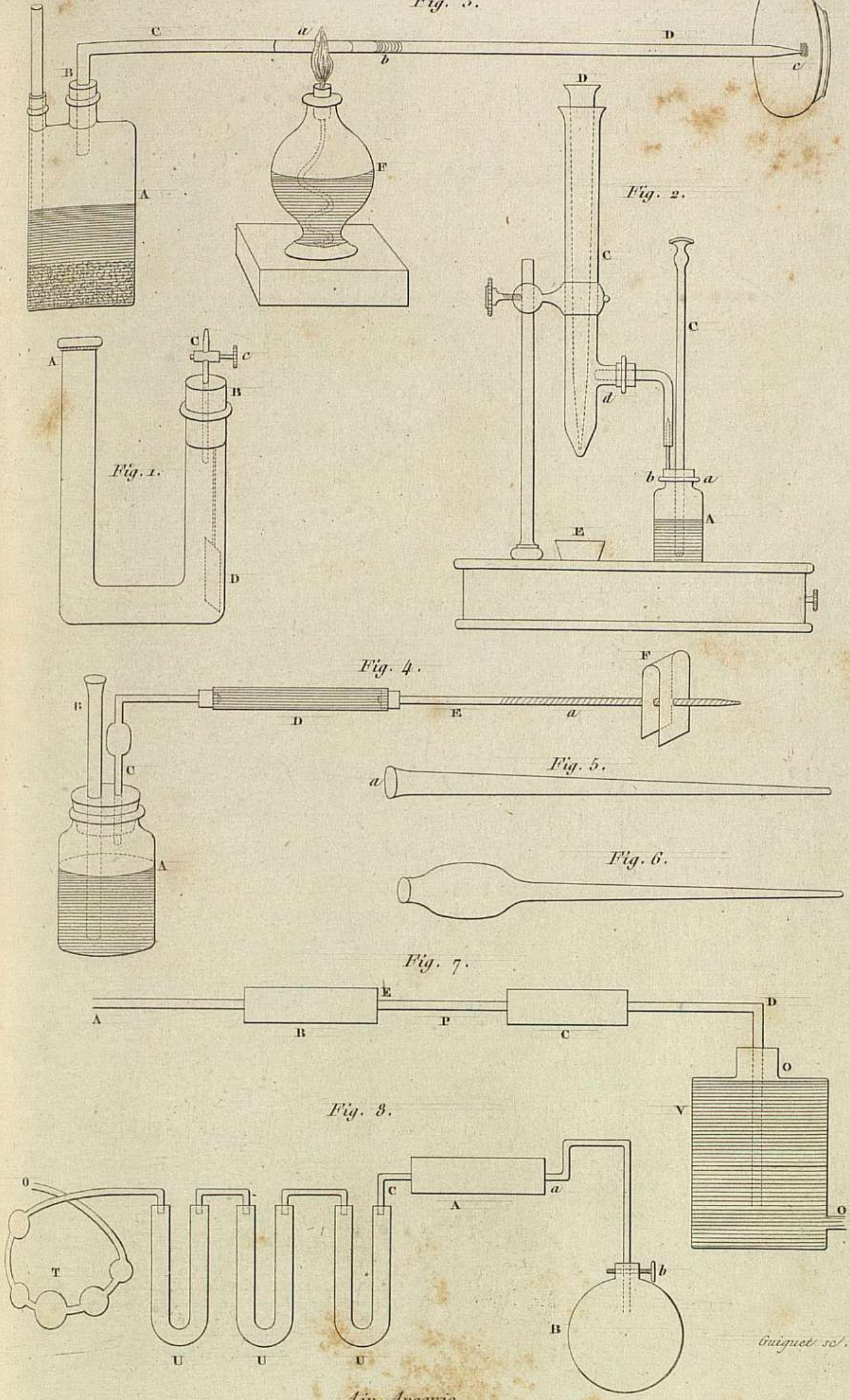
Fig. 3.
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Fig. 1.
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Fig. 4.
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Fig. 5.
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Aire Arsénico

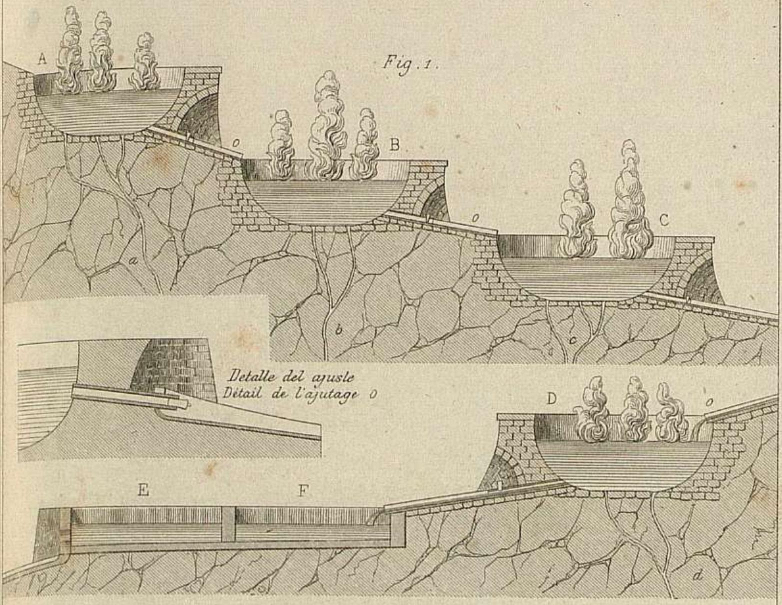
Fig. 1.
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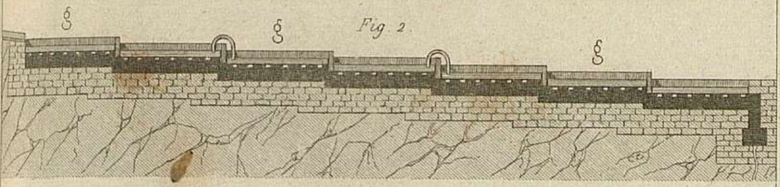
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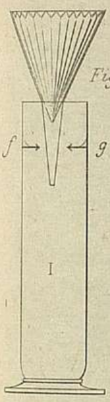
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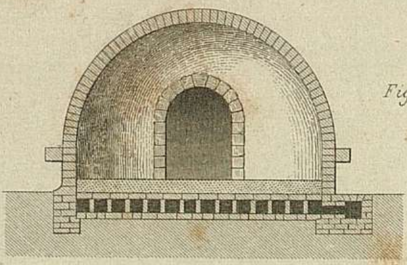
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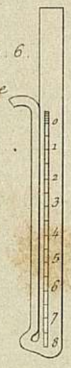
Fig. 6.
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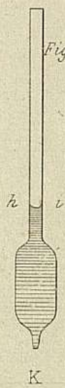
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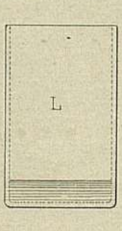
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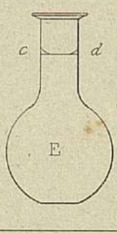
Fig. 4.

H. Roux ainé.

Acide Borique — Alcalimètres.
Accido borico - Acalimetros

ARTES QUIMICAS

ARTS CHIMIQUES

Pl. 1.

Fig. 1.

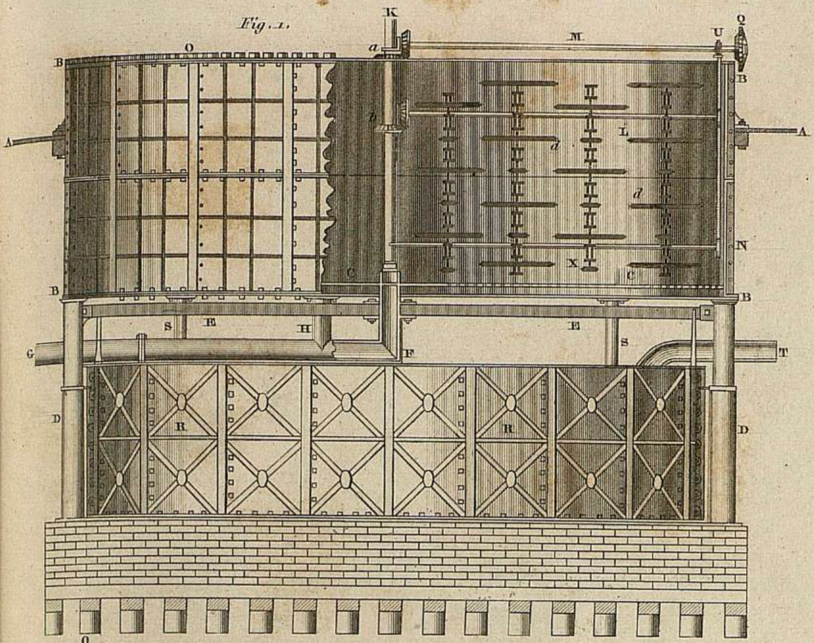
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Fig. 3.

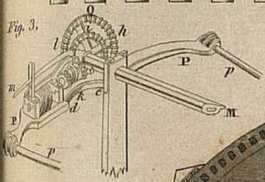
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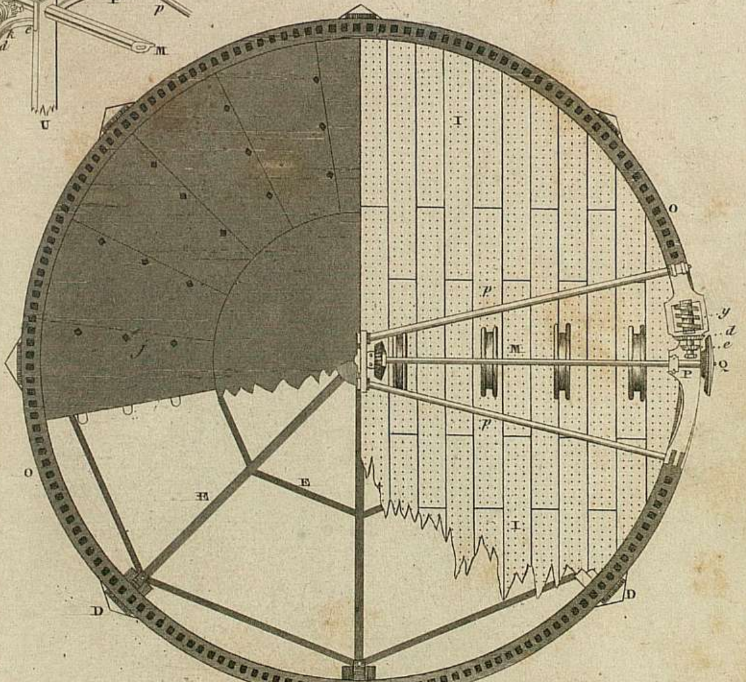
Fig. 2.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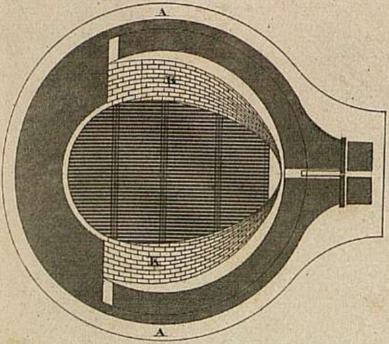
Cerveza

Fig. 1.



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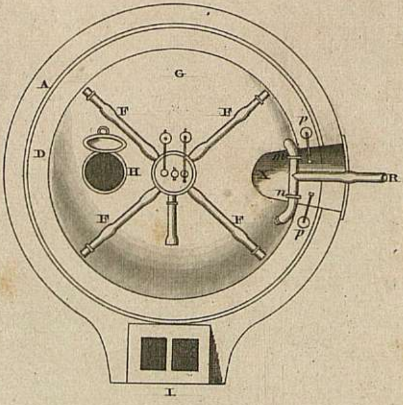
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Fig. 3.

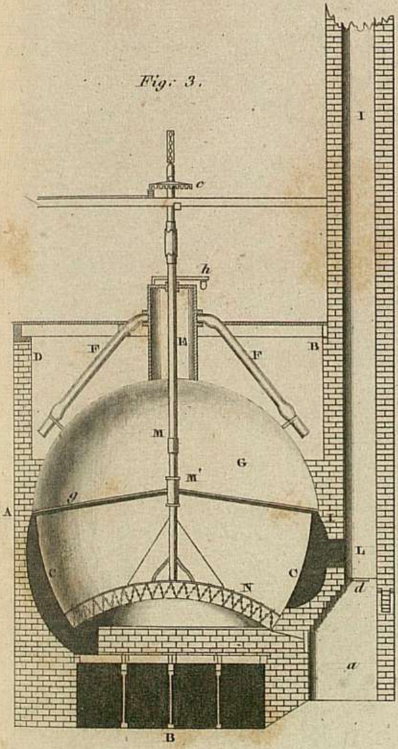
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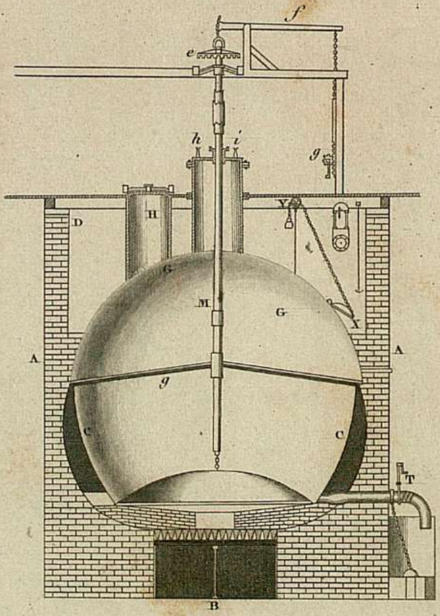
Fig. 4.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Bière
Cerveza

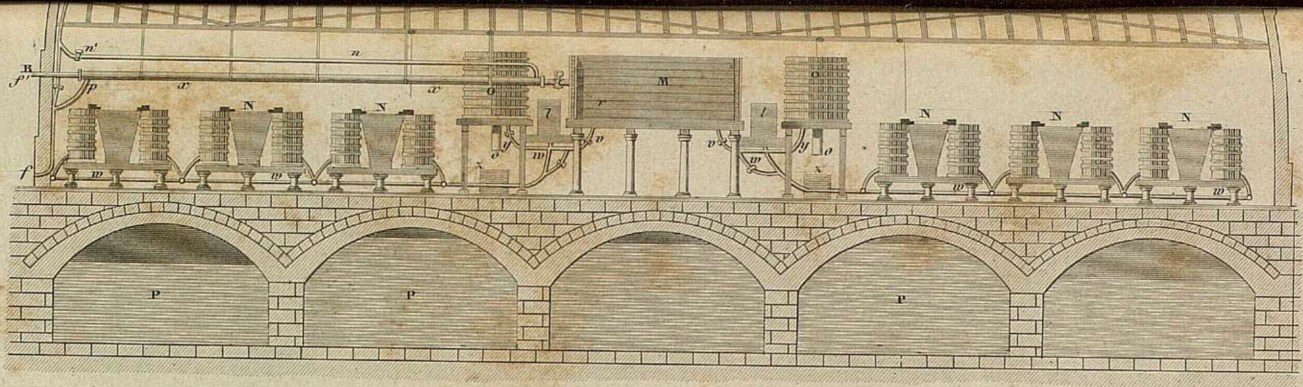
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Fig. 2.

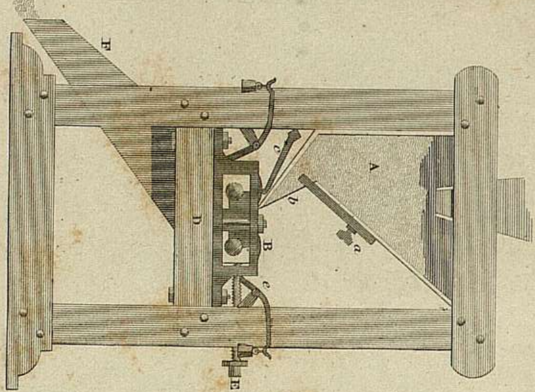
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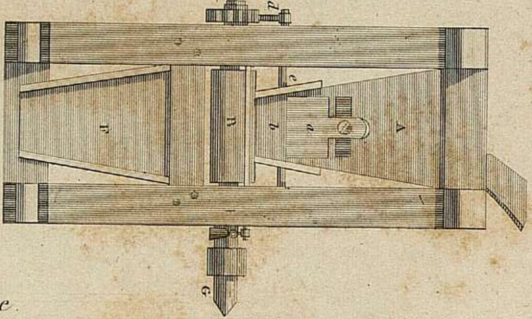
Fig. 3.



Bière.

Cerveza

ARTES QUIMICAS
ARTS CHIMIQUES

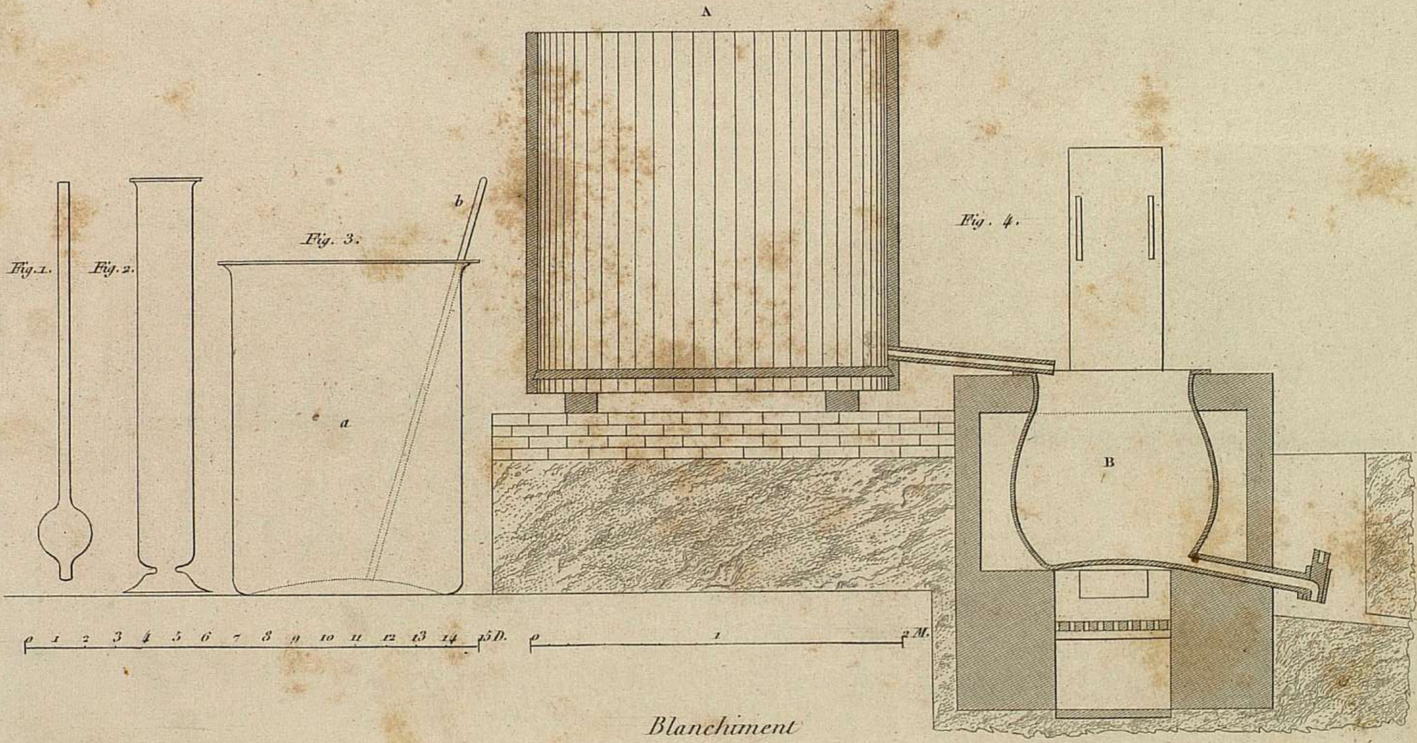


Fig. 1.
Fig. 2.
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Blanchiment

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ARTES QUIMICAS
ARTS CHIMIQUES

Pl. 5 et 6.

Fig. 1.

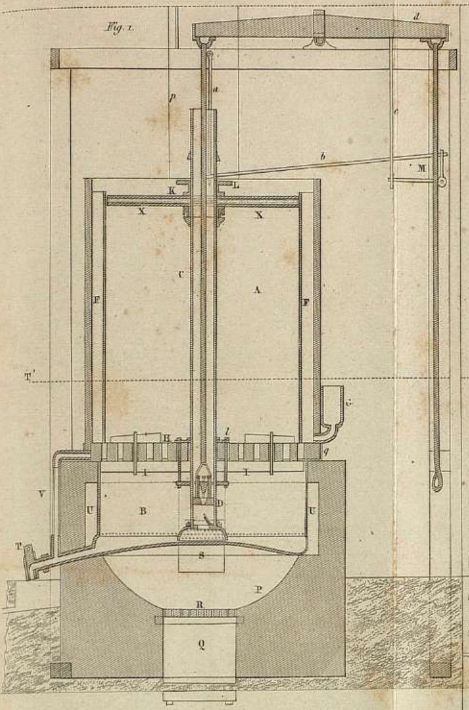
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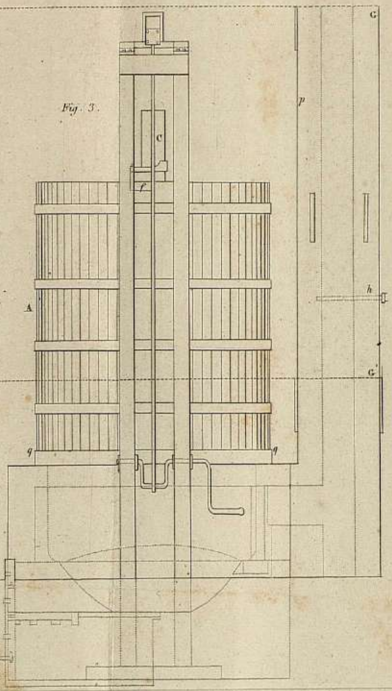
Fig. 3.



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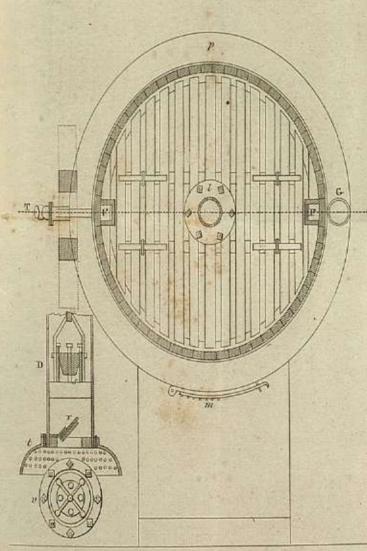
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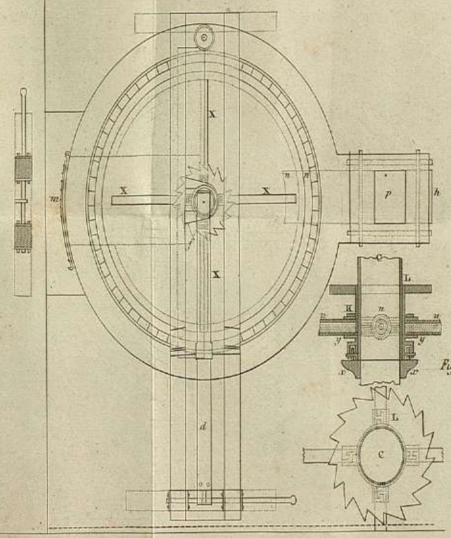
Fig. 4.

Fig. 5.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C
d

Blanchiment

Blanqueo

Fig. 1.

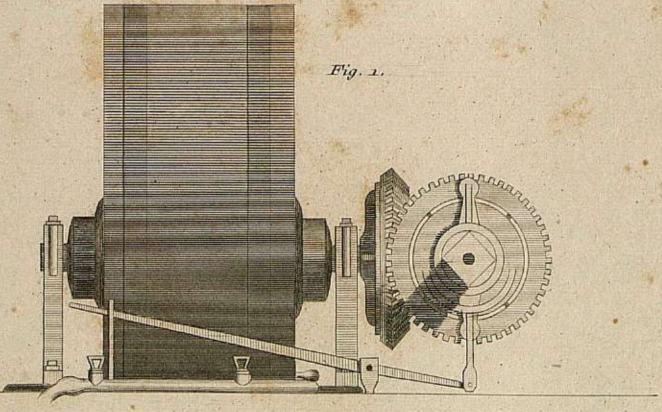


Fig. 2.

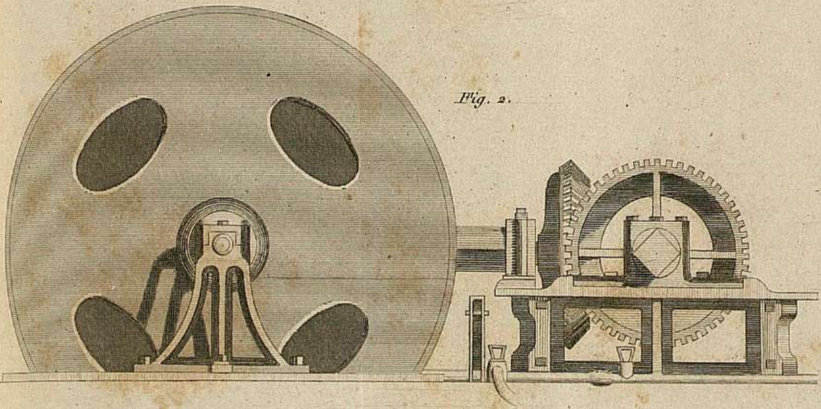


Fig. 3.

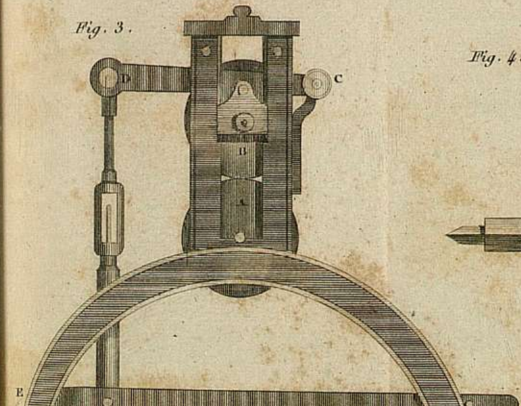
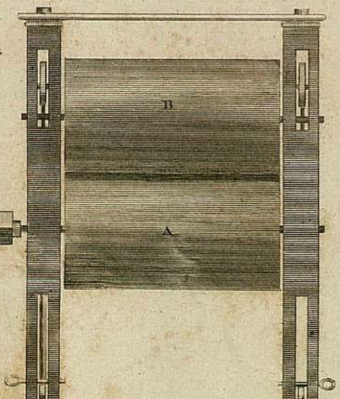


Fig. 4.



Dureau sc.

Blanchiment

Blanqueo

ARTES QUIMICAS
ARTS CHIMIQUES

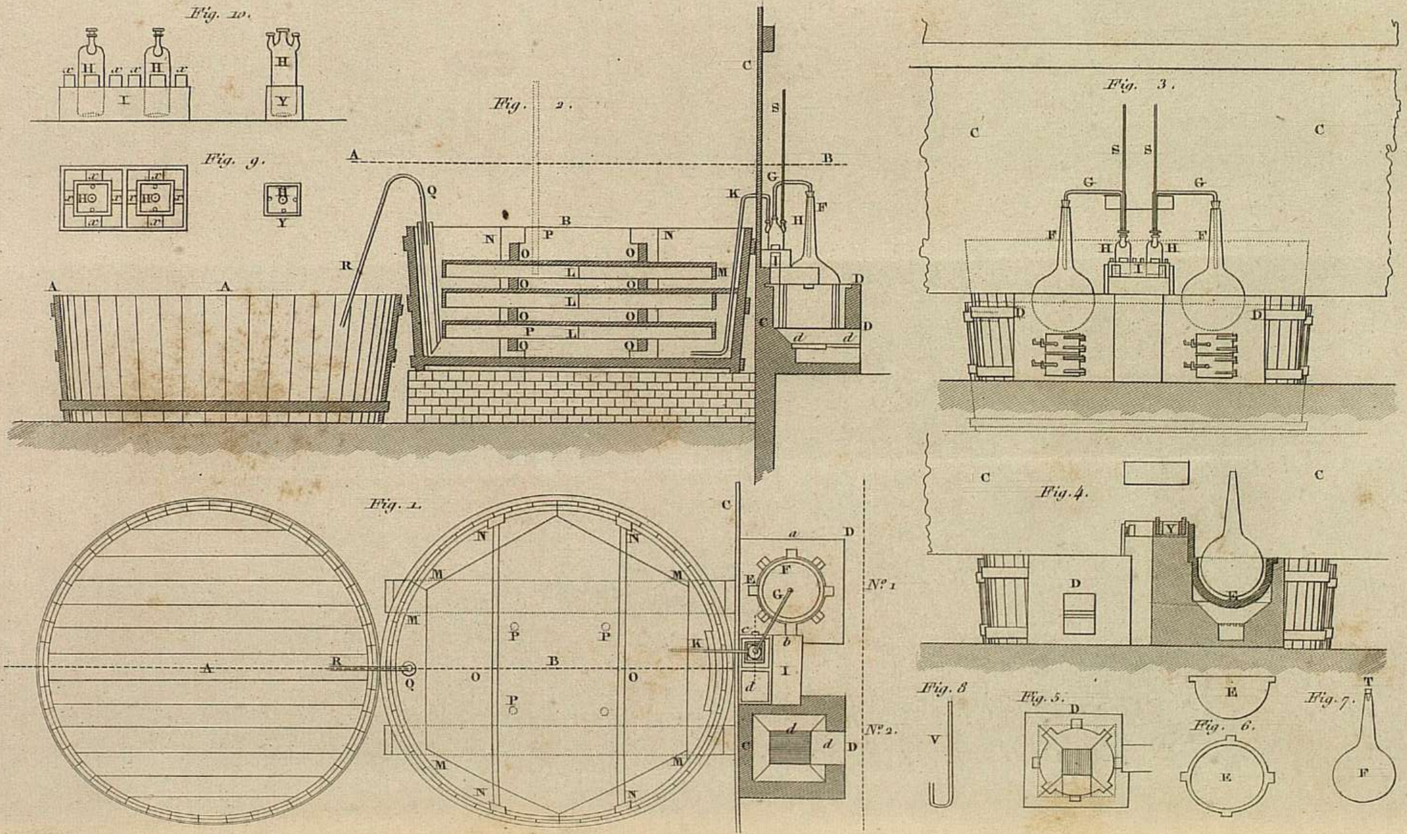


Fig. 10.
H
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Fig. 9.
Fig. 2.
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d
Fig. 1.
N°. 1
N°. 2.
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Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8
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Blanchiment

Blanqueo

ARTES QUIMICAS

ARTS CHIMIQUES

Pl. 9 et 10

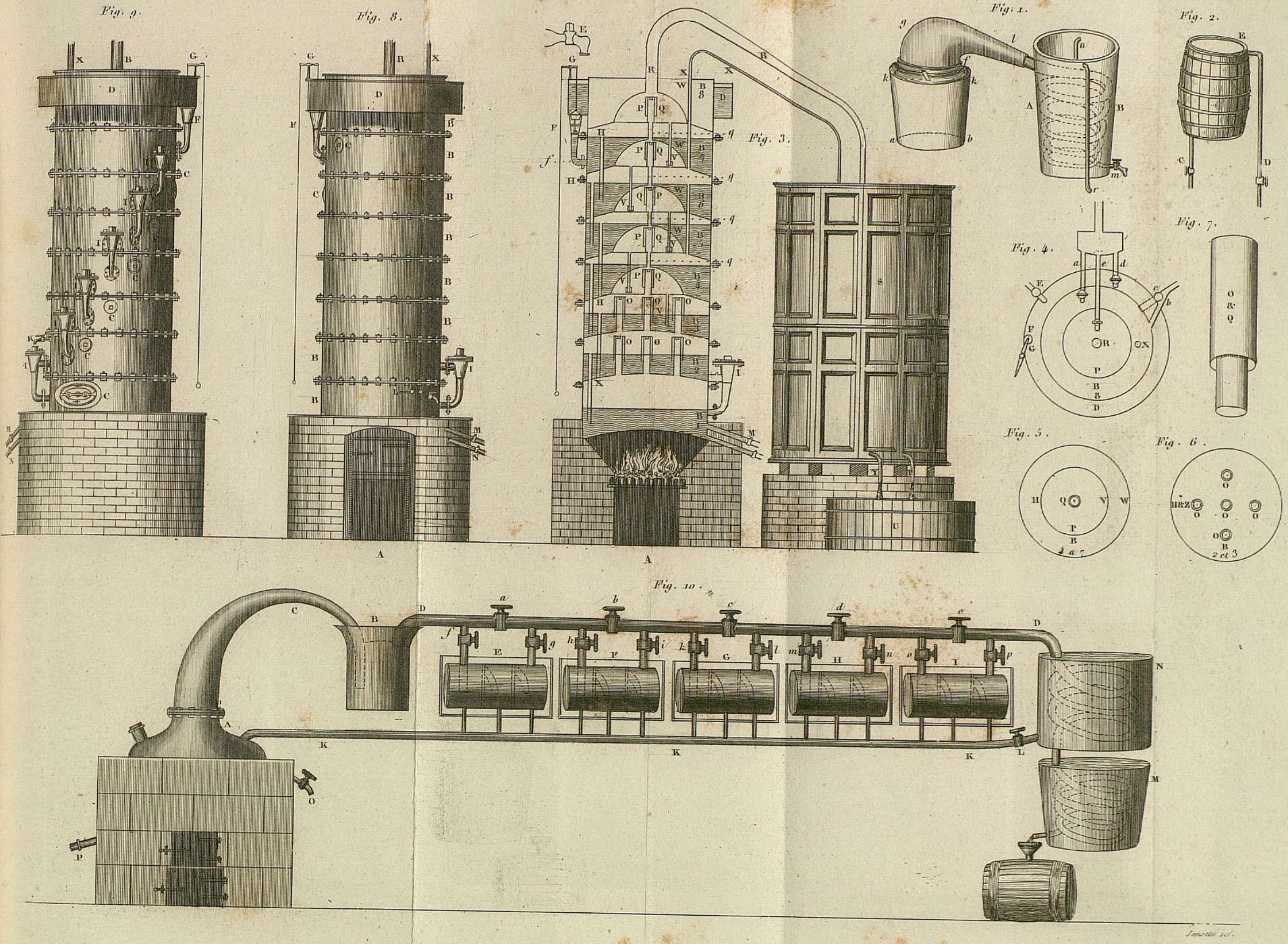
Fig. 9.
Fig. 8.
Fig. 3.
Fig. 1.
Fig. 2.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 10.
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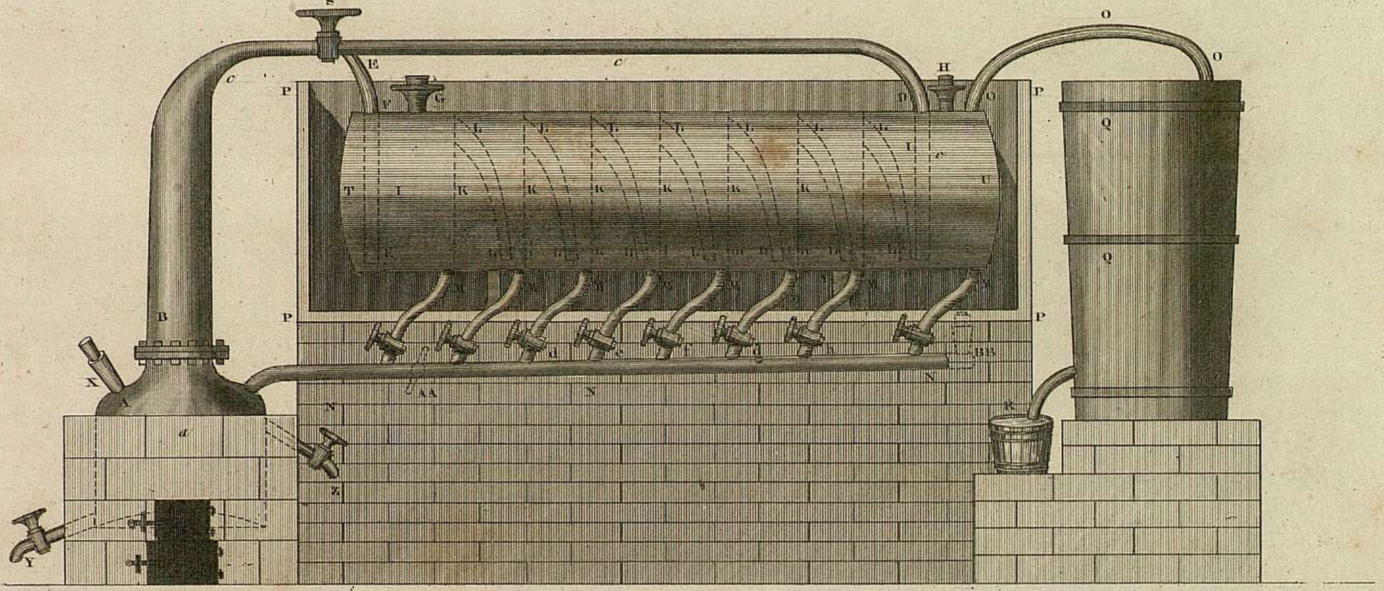
2 et 3
Jametto sc.

Distillation

Destilacion

ARTES QUIMICAS

ARTS CHIMIQUES


S
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X
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Y

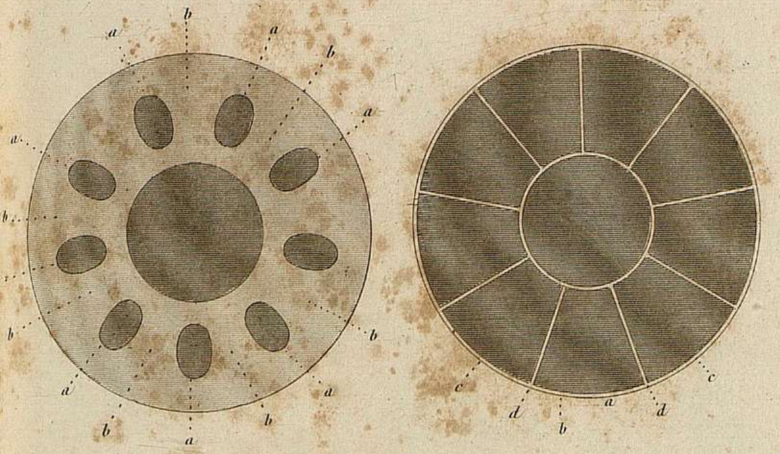
Jenotte sc.

Distillation

Destilacion

ARTES QUIMICAS

ARTS CHIMIQUES


b
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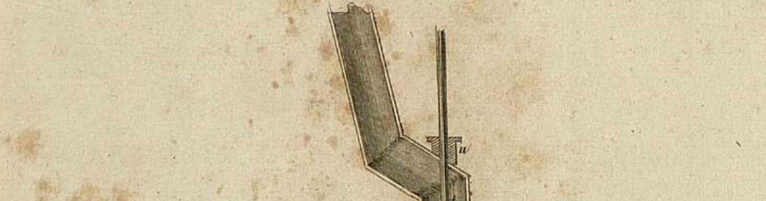
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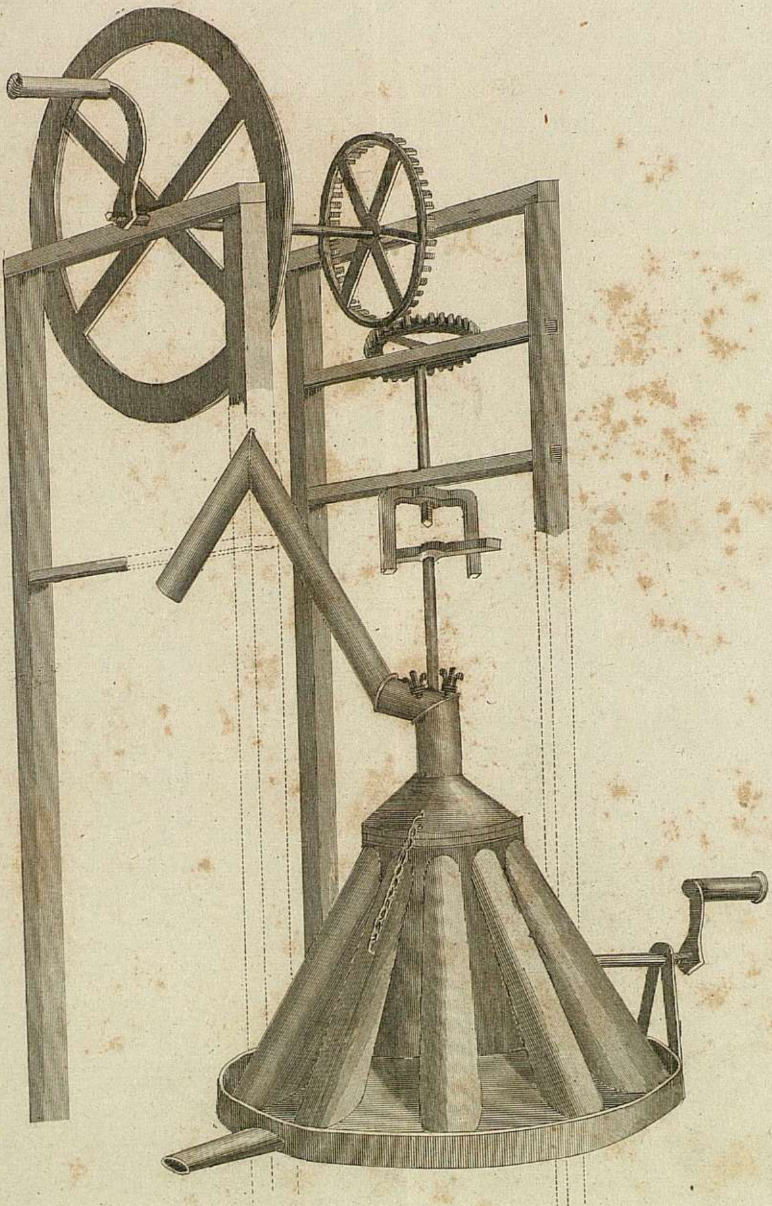
Jenotte sc.

Distillation

Destilacion



Jenotte sc.

Distillation

Destilacion

Fig. 1.

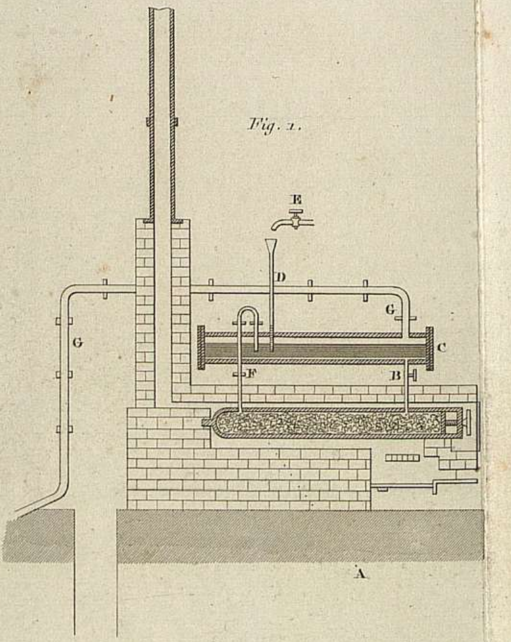
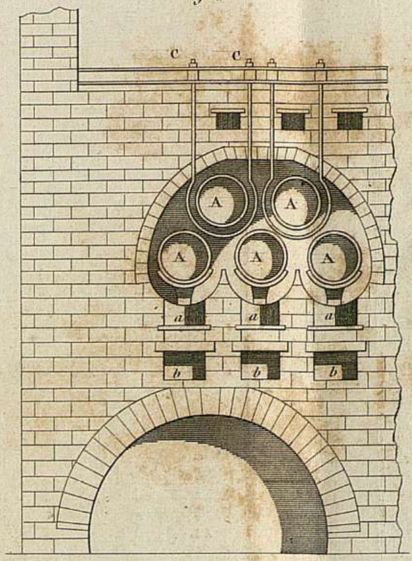


Fig. 2.


C
C
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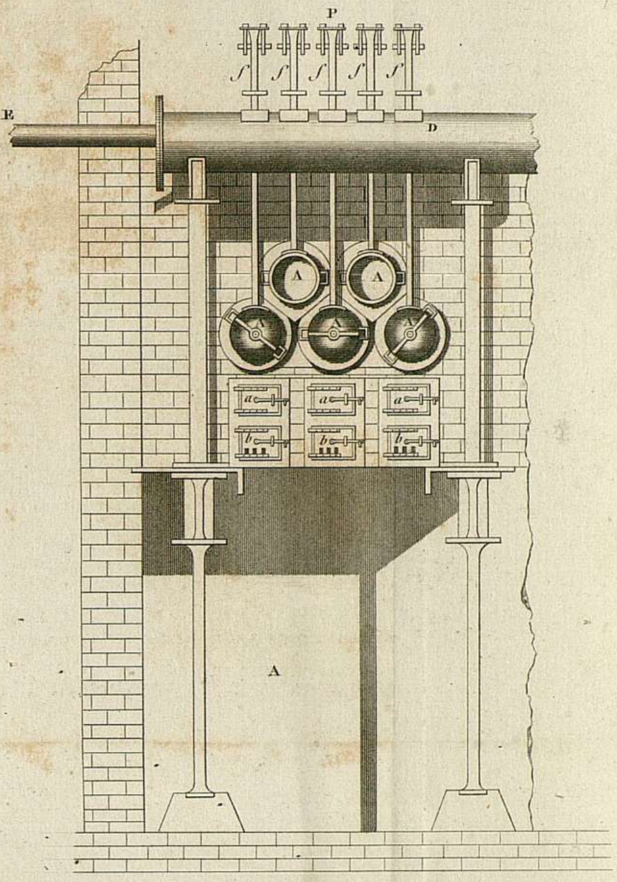
b
b

Fig. 4.


P
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A

Fig. 3.

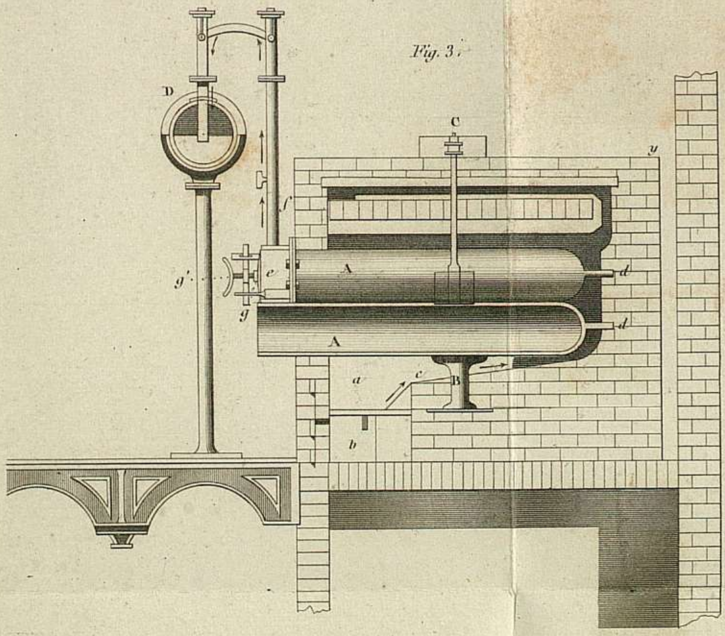
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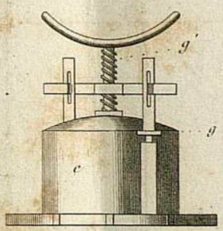
Fig. 5.



Jenotte sculp.

Gaz d'Eclairage Gaz de Alumbrado

Fig. 6.

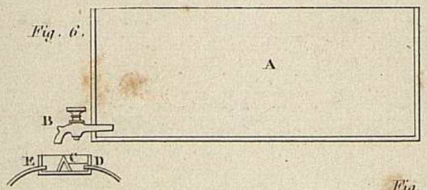


Fig. 7.

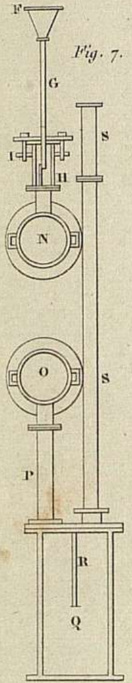

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Fig. 8.

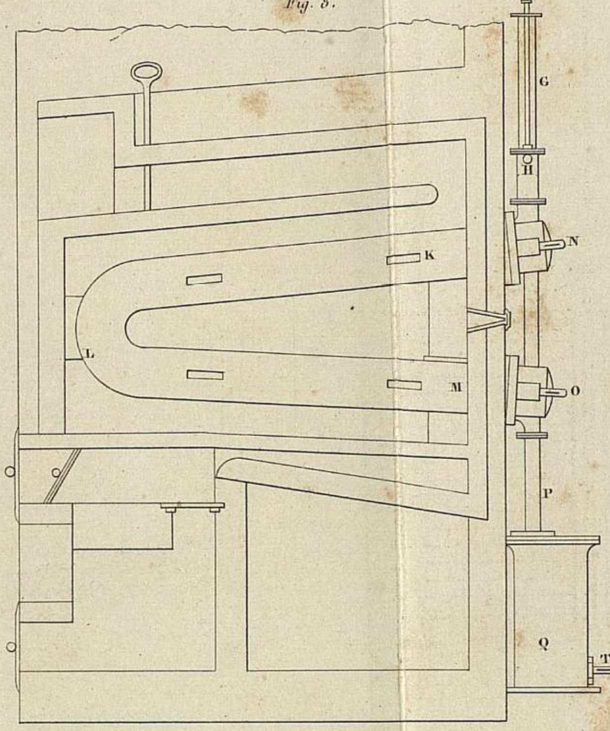
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Fig. 10.

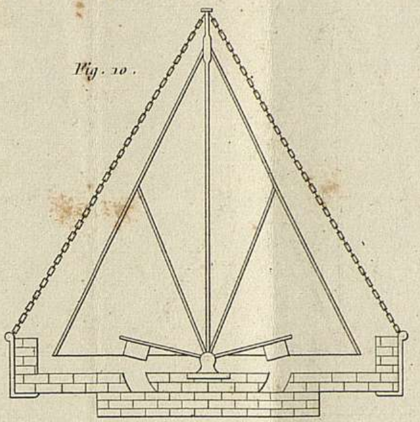

Fig. 9.

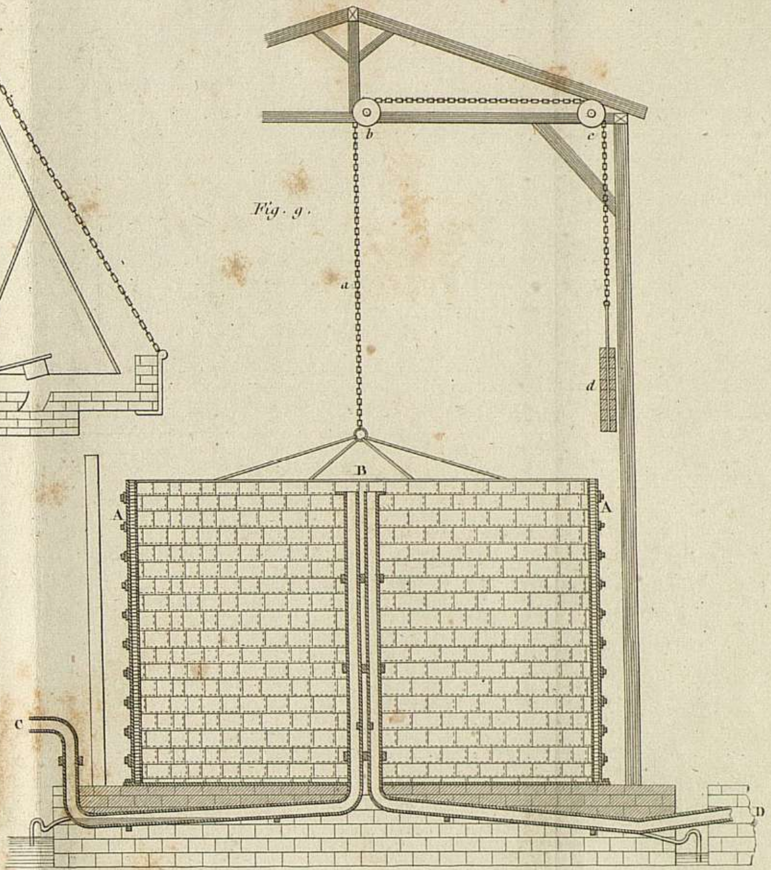

Fig. 11.

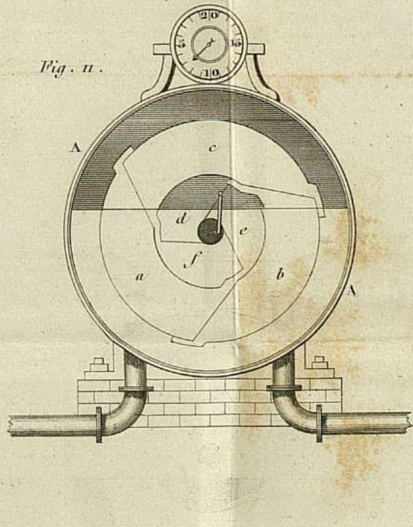
20
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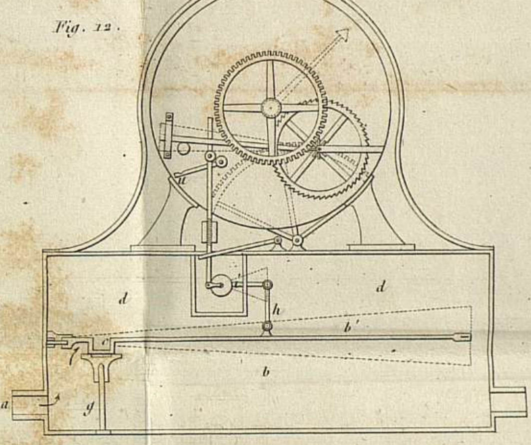
Fig. 12.



Gaz d'Eclairage   Gaz de Alumbrado

Tenotte sculp.

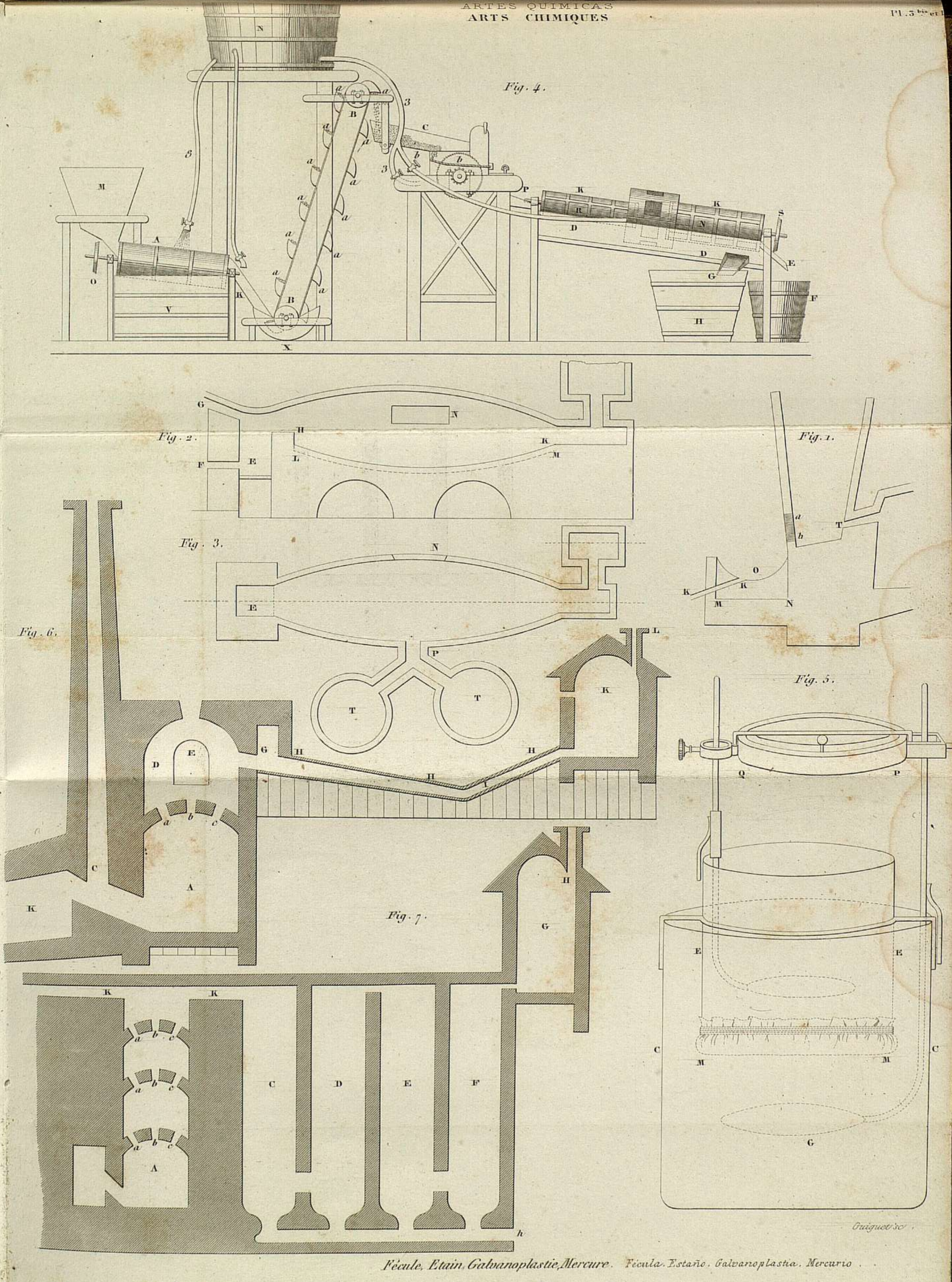


Fig. 4.
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Fig. 2.
G
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Fig. 1.
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K
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N
Fig. 3.
N
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Fig. 6.
D
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c
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G
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L
Fig. 7.
K
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c
A
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h
Fig. 5.
Q
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M
G
Guiguet sc.

Fécule, Etain, Galvanoplastie, Mercure. Fécula. Estaño. Galvanoplastia. Mercurio.

ARTES QUIMICAS

ARTS CHIMIQUES.

Fig. 3.

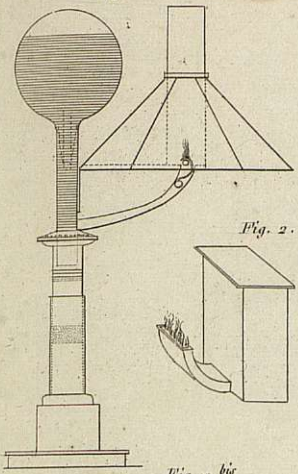


Fig. 1.

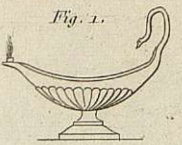


Fig. 8.

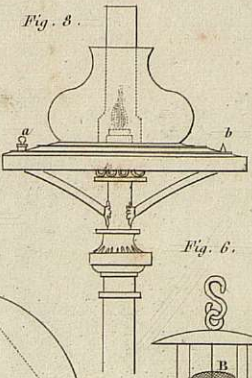
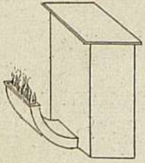


Fig. 2.



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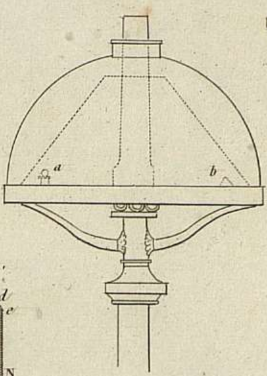

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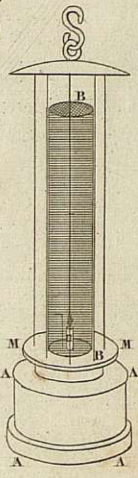

Fig. 2 bis

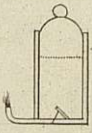

Fig. 5

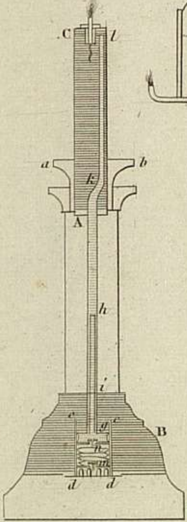
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Fig. 11.

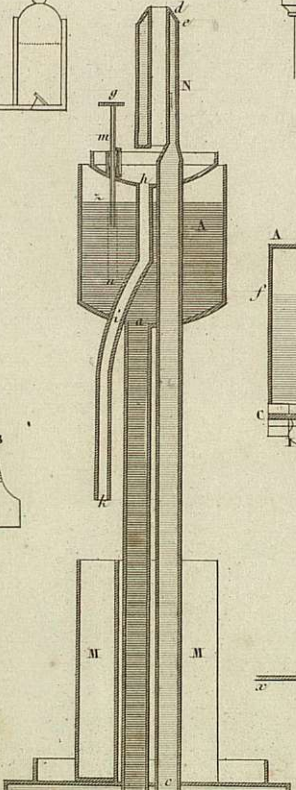
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Fig. 10.

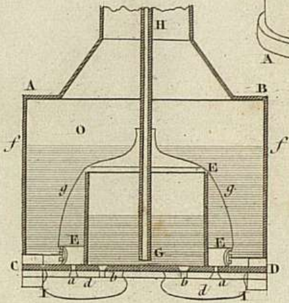
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Fig. 4.

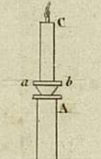
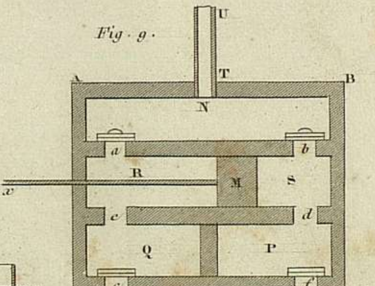


Fig. 9.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Jenatto sc.

Lampes.

Lámparas

Fig. 3.

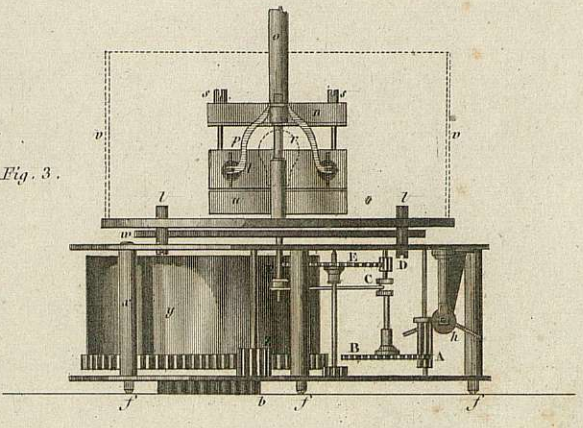
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Fig. 2.

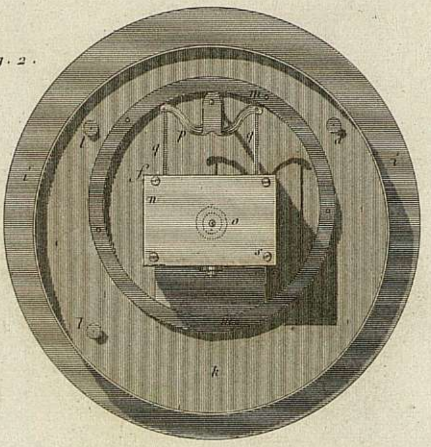
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Fig. 5.

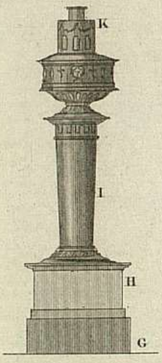


Fig. 4.

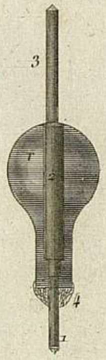
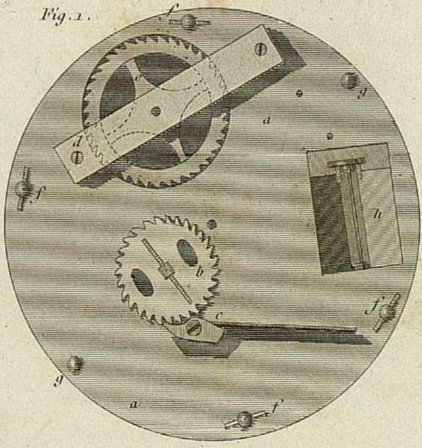


Fig. 1.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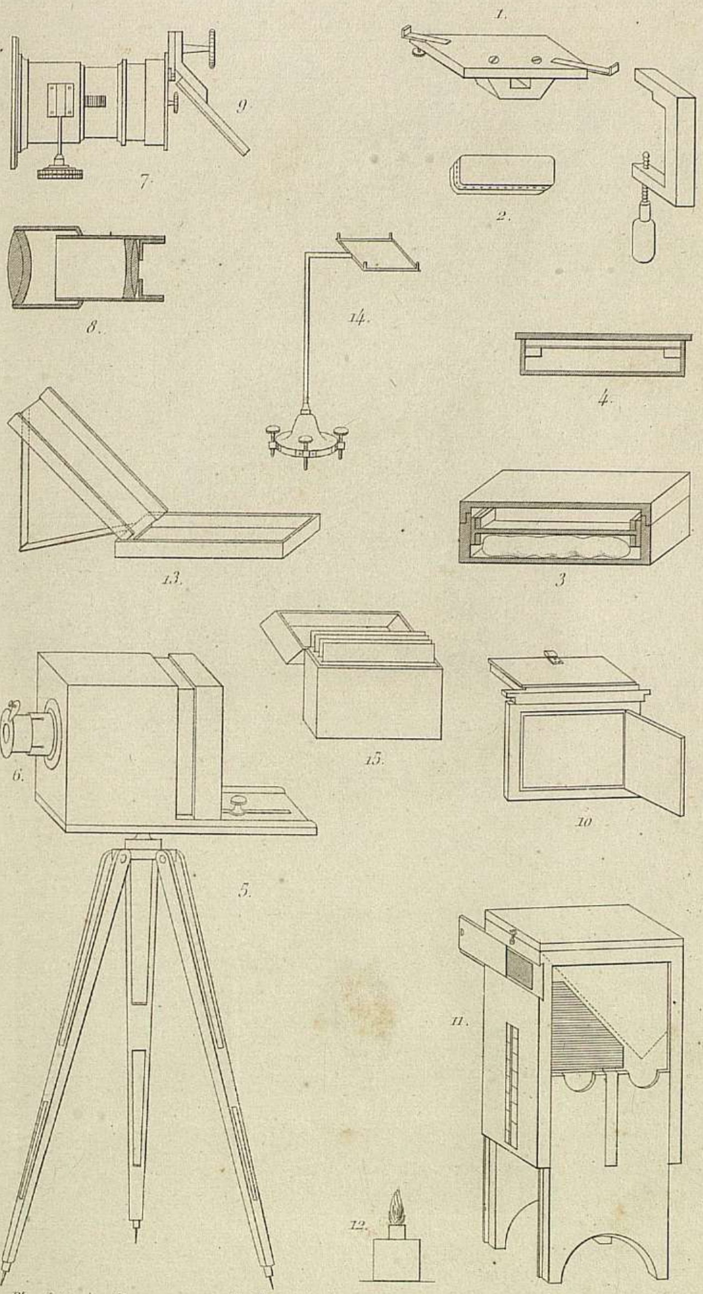
Jenotte sc.

Lampes. Lámparas

ARTES QUIMICAS.

ARTS CHIMIQUES.

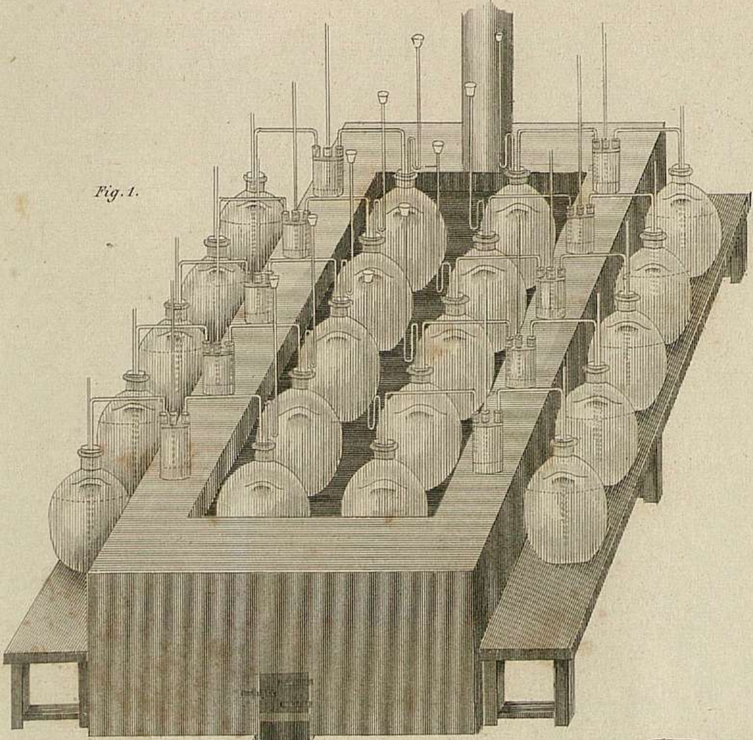


1. *Planchette à polir.*
2. *Polissoir._3. Boite à Iode.*
4. *Cuvette à Bromer.*
5. *Chambre noire avec son pied.*
6. *Objectif achromatique.*
7. *Objectif composé.*
8. *Coupe de l'objectif composé.*
9. *Glace à facés parallèles.*
10. *Chassis._11. Boite a mercure.*
12. *Lampe a esprit de vin.*
13. *Séchoir._14. Pied à fixer.*
15. *Boite à plaques.*

Daguereotype. Daguerreotipo.

H. Roux aîné

Fig. 1.



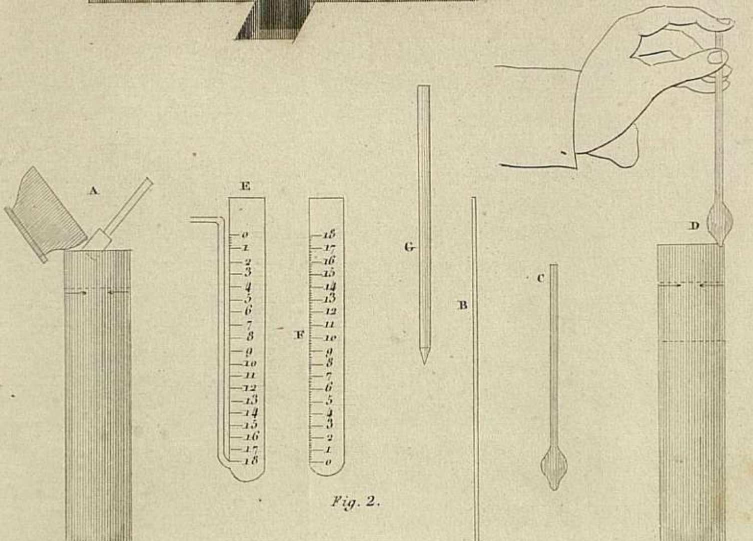

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Fig. 2.

Jenotte sc.

ENCICLOPEDIA

MODERNA

ATLAS

030
ENC